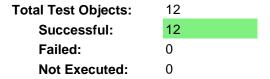
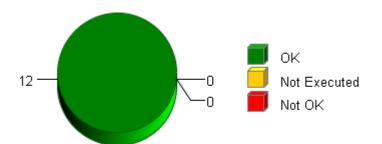


#### Summary

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



**Date:** 2016-07-24 **Time:** 13:55:12+0530



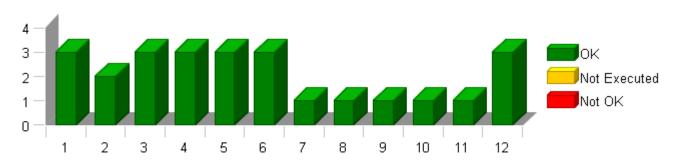
### **Selected Project Items**

Test Object "CBD\_UnitTest/CmMtrCurr\_MTRCURRPHASEBC\_ON/CmMtrCurr\_Init"
Test Object "CBD\_UnitTest/CmMtrCurr\_MTRCURRPHASEBC\_ON/CmMtrCurr\_Per1"
Test Object "CBD\_UnitTest/CmMtrCurr\_MTRCURRPHASEBC\_ON/CmMtrCurr\_Per2"
Test Object "CBD\_UnitTest/CmMtrCurr\_MTRCURRPHASEBC\_ON/CmMtrCurr\_Per3"
Test Object "CBD\_UnitTest/CmMtrCurr\_MTRCURRPHASEBC\_ON/CmMtrCurr\_SCom\_CalGain"
Test Object "CBD\_UnitTest/CmMtrCurr\_MTRCURRPHASEBC\_ON/CmMtrCurr\_SCom\_CalOffset"
Test Object "CBD\_UnitTest/CmMtrCurr\_MTRCURRPHASEBC\_ON/CmMtrCurr\_SCom\_MtrCurrOffReadStatus"
Test Object "CBD\_UnitTest/CmMtrCurr\_MTRCURRPHASEBC\_ON/CmMtrCurr\_SCom\_ReadMtrCurrCals"
Test Object "CBD\_UnitTest/CmMtrCurr\_MTRCURRPHASEBC\_ON/CmMtrCurr\_SCom\_SetMtrCurrCals"
Test Object "CBD\_UnitTest/CmMtrCurr\_MTRCURRPHASEBC\_ON/CmMtrCurr\_TempOffset\_Scom\_Get"
Test Object "CBD\_UnitTest/CmMtrCurr\_MTRCURRPHASEBC\_ON/CmMtrCurrTempOffset\_Scom\_Set"
Test Object "CBD\_UnitTest/CmMtrCurr\_MTRCURRPHASEBC\_ON/CmMtrCurrTempOffset\_Scom\_Set"
Test Object "CBD\_UnitTest/CmMtrCurr\_MTRCURRPHASEBC\_ON/CmMtrCurrTempOffset\_Scom\_Set"
Test Object "CBD\_UnitTest/CmMtrCurr\_MTRCURRPHASEBC\_ON/CurrDQPer1"

#### **Used Test Environments**

TI TMS 570 PLS UDE (Default)

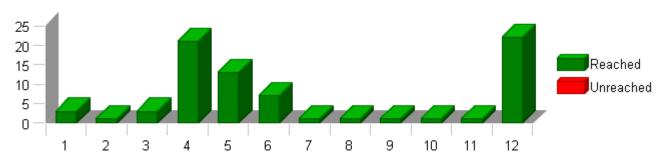
#### Test Case Results for Each Test Object (without Coverage)



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

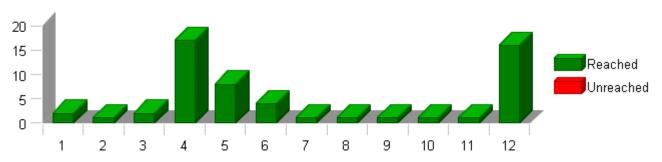


### Statement (C0) Coverage: Total Statements for Each Test Object



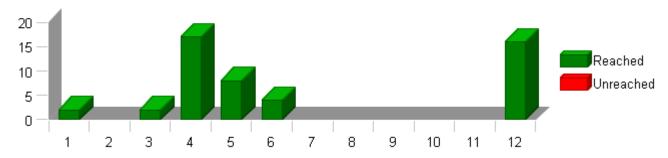
The table above shows each test object on the x axis and the number of statements of the respective test object on the y axis. Each bar is divided into reached statements (i.e. statements that have been executed during the test) and unreached statements.

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



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

### **Decision Coverage: Total Decision Outcomes for Each Test Object**

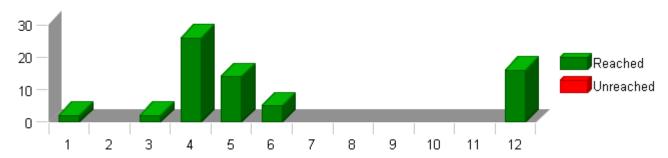


The table above shows test objects on the x axis and the number of possible outcomes of all decisions of the respective test object on the y axis. To achieve full DC coverage, each decision must evaluate to both true and false.

Each bar is divided into reached and unreached decision outcomes.



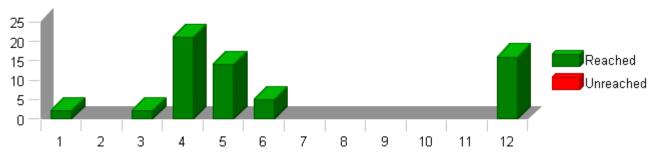
### MC/DC Coverage: Total Condition Combinations for Each Test Object



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

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

#### MCC Coverage: Total Condition Combinations for Each Test Object



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

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

#### **TEST OVERVIEW REPORT**

2016-07-24, 13:55:12+0530



# **Test Object List**

Project CmMtrCurr1

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

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

No.	Name	C0	<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_MTRCURRPHASEBC_ON	100 %	100 %	100 %	100 %	100 %	25 of 25 passed
1	CmMtrCurr_Init	100 %	100 %	100 %	100 %	100 %	3 of 3 passed
2	CmMtrCurr_Per1	100 %	100 %	-	-	-	2 of 2 passed
3	CmMtrCurr_Per2	100 %	100 %	100 %	100 %	100 %	3 of 3 passed
4	CmMtrCurr Per3	100 %	100 %	100 %	100 %	100 %	3 of 3 passed
5	CmMtrCurr SCom CalGain	100 %	100 %	100 %	100 %	100 %	3 of 3 passed
6	CmMtrCurr SCom CalOffset	100 %	100 %	100 %	100 %	100 %	3 of 3 passed
7	CmMtrCurr_SCom_MtrCurrOffReadStatus	100 %	100 %	-	-	-	1 of 1 passed
8	CmMtrCurr_SCom_ReadMtrCurrCals	100 %	100 %	-	-	-	1 of 1 passed
9	CmMtrCurr SCom SetMtrCurrCals	100 %	100 %	-	-	-	1 of 1 passed
10	CmMtrCurrTempOffset Scom Get	100 %	100 %	-	-	-	1 of 1 passed
11	CmMtrCurrTempOffset Scom Set	100 %	100 %	-	-	-	1 of 1 passed
12	CurrDQPer1	100 %	100 %	100 %	100 %	100 %	3 of 3 passed

© Report created by TESSY V3.1.13, report template V2.0

CmMtrCurr\_SCom\_MtrCurrOffReadStatus

2016-07-24, 13:47:18+0530



Project CmMtrCurr1

 Module
 CmMtrCurr\_MTRCURRPHASEBC\_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= -DMTRCURRPHASEBC -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= -DMTRCURRPHASEBC -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_MTRCURRPHASEBC_ON	Name of Tester:Chandrakanth Sheegi Code File(s) Under Test:Sa_CmMtrCurr.c Code File(s) Under Test:Sa_CmMtrCurr.d Data Dictionary Version:2 Module Design Document Version:2 Data Dictionary Version:2 Unit Test Plan Version:2 Unit Test Plan Version:2 Unit Test Plan Version:2 Optimization Level:Level 2 Compiler (CodeGen) Version:TMS470_4.9.5 Model Type:Excel Macro Model Version:Nexteer EPS Unit Test Tool 2.7d/ EPS Library 1.32 Total FLASH Used (Bytes):3176 Total RAM Used (Bytes):30 Total CALS Used (Bytes):46 Special Test Requirements:NA Test Date:T/23/2016 Comments: "Note1: Inline functions defined in globalmacro.h are not unit tested.  Note2:- ""CBD_Sandbox_dbg.map"" map file is embedded for reference.  Note3:-In function ""CmMtrCurr_Per3"" some variables are going out of range for some vectors,accepted by devloper variables are :- MtrCurr2SumHi_Volt_M_f32, VecuSum_Volt_M_f32, MtrCurr1SumLo_Volt_M_f32, MtrCurr2SumLo_Volt_M_f32, MtrCurr2SumLo_Volt_M_f32, MtrCurr2SumZero_Volt_M_f32, CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16.  Note4:-In function CurrDQPer1(), variables 'MtrCurrK1_Amps_f32' and 'MtrCurrK2_Amps_f32' are going to very large values."

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

2016-07-24, 13:47:18+0530





Attributes	
Name	Value
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_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)			✓
Name	Input Value		
CmMtrCurr_CurroffProcessFlag_M_enum	0		
CurrOffStatus	tgt_CurrOffStatus		
Name	Actual Value	Expected Value	Result
tgt_CurrOffStatus	0	0	<b>~</b>

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)			<b>✓</b>
Name	Input Value		
CmMtrCurr_CurroffProcessFlag_M_enum	3		
CurrOffStatus	tgt_CurrOffStatus		
Name	Actual Value	Expected Value	Result
tgt_CurrOffStatus	3	3	~

2016-07-24, 13:53:17+0530



CurrDQPer1

Project CmMtrCurr1

Module CmMtrCurr\_MTRCURRPHASEBC\_ON

Test Object CurrDQPer1

#### 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= -DMTRCURRPHASEBC -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= -DMTRCURRPHASEBC -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 MTRCURRPHASEBC 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

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

TC1.1 1008 Cycles TC1.2 1011 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 && (MtrEurrEinalDax\_Amps\_T\_f32 = Limit\_m(MtrCurrDax\_Amps\_T\_f32, -D\_CURRDQMAX\_AMP\_F32, D\_CURRDQMAX\_AMP\_F32) (MtrCurrFinalDax\_Amps\_T\_f32>=20)==>True && MtrCurrFinalDax\_Amps\_T\_f32=Limit\_m(MtrCurrDax\_Amps\_T\_f32, -D\_CURRDQMAX\_AMP\_F32, D\_CURRDQMAX\_AMP\_F32, D\_CURRDQMAX\_AMP\_F32) (MtrCurrFinalQax\_Amps\_T\_f32>=20)==>True Tc1.2 Longest Path ==> ElecPosDelayComp\_Rad\_T\_f32 < 0.0f )==>False && (Phs1Curr\_Cnt\_T\_u16 > D\_ZERO\_CNT\_U16)==>True && (MtrElecPol\_Cnt\_S08 == D\_POSITIVEONE\_CNT\_S08 )=>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) && (MtrCurrFinalDax\_Amps\_T\_f32>=220) && (MtrCurrFinalDax\_Amps\_T\_f32>=220) && (MtrCurrFinalDax\_Amps\_T\_f32>=220) && (MtrCurrFinalQax\_Amps\_T\_f32<=-220)==>False && MtrCurrFinalQax\_Amps\_T\_f32<=-220) && (MtrCurrFinalQax\_Amps\_T\_f32<=-220) &

Test Step 1.1 (Repeat Count = 1)	Innut Value	
Name	Input Value	
Adc2_GetPhsBCurr_Cnt_u16_m	4095	
Adc2_GetPhsCCurr_Cnt_u16_m	4095	
CDD_ADC2OffsetComp_Cnt_G_u8p8	65280	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1	
CDD_CDDDataAccessBfr_Cnt_G_u16	1	
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.999984741	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.999984741	
CDD_DCPhsBComp_Cnt_G_u16p0	7150	
CDD_DCPhsCComp_Cnt_G_u16p0	7150	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	1118	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	1118	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0260000005	
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0260000005	
CDD_MtrCurr1_Volts_G_f32[0]	5	
CDD_MtrCurr1_Volts_G_f32[1]	5	
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.0260000005	
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0260000005	
CDD_MtrCurr2_Volts_G_f32[0]	5	
CDD_MtrCurr2_Volts_G_f32[1]	5	
CDD_MtrCurrDax_Amp_G_f32[0]	220	
CDD_MtrCurrDax_Amp_G_f32[1]	220	
CDD_MtrCurrK1_Amps_G_f32[0]	220	
CDD_MtrCurrK1_Amps_G_f32[1]	220	
CDD_MtrCurrK2_Amps_G_f32[0]	220	
CDD_MtrCurrK2_Amps_G_f32[1]	220	
CDD_MtrCurrQax_Amp_G_f32[0]	220	
CDD_MtrCurrQax_Amp_G_f32[1]	220	
CDD_MtrElecPol_Cnt_G_s8	1	
CDD_Vecu_Volt_G_f32[0]	31	
CDD_Vecu_Volt_G_f32[1]	31	
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	0.000171428997	
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	0.000171428997	
MtrPos_CorrectedMtrPos_Rev_G_u0p16	65535	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
k_MtrCurrOffLoComOff_Cnt_u16	1500	
k_MtrPosComputDelay_Sec_f32	0.000199999995	
k_NoofPoles_Uls_f32	3.6400001	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	125	
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	125	
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal	
Name	Actual Value Expected Value	Resul
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.999984741 0.000	00152587890625
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.981430054	
CDD_ElecPosDelayComp_Rad_G_f32	0.406951994	
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]	4.00004409 1 32 220 ± 0.03	
CDD_MtrCurrDax_Amp_G_f32[1]	$220   220 \pm 0.03$ $220   220 \pm 0.03$	





Name	Actual Value	Expected Value	Result
CDD_MtrCurrK1_Amps_G_f32[0]	220	220 ± 32	✓
CDD_MtrCurrK1_Amps_G_f32[1]	7090.78613	7090.78564 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	220	220 ± 32	✓
CDD_MtrCurrK2_Amps_G_f32[1]	0	0 ± 32	~
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 0.03	<b>✓</b>
CDD_MtrCurrQax_Amp_G_f32[1]	-220	-220 ± 0.03	<b>✓</b>

Name	Input Value		
Adc2_GetPhsBCurr_Cnt_u16_m	689		
Adc2 GetPhsCCurr Cnt u16 m	506		
CDD_ADC2OffsetComp_Cnt_G_u8p8	12288		
CDD_ADC2Onsercomp_cnr_g_uopo CDD_AppDataFwdPthAccessBfr_Cnt_g_u16	1		
	1		
CDD_CDDDataAccessBfr_Cnt_G_u16			
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0080000038		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00203839992		
CDD_DCPhsBComp_Cnt_G_u16p0	390		
CDD_DCPhsCComp_Cnt_G_u16p0	426		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	120.199997		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	143.199997		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.00200000009		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.018999994		
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	2.49999994e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	5.9999985e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	5702		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	800		
k_MtrPosComputDelay_Sec_f32	0.00013		
k_NoofPoles_Uls_f32	5.25		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2		
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	Res
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.00800000038	0.00800000038 ± 0.0000152587890625	1100
CDD_CorrMtrPosElec_Rev_G_f32[0] CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00800000038	0.178115845 ± 0.0000152587890625	
		0.0488669984 ± 0.0000152587890625	
CDD_ElecPosDelayComp_Rad_G_f32	0.0488669984 4.00637007		
CDD_MtrCurr1_Volts_G_f32[0]		4.00637007 ± 32	
CDD_MtrCurr1_Volts_G_f32[1]	0.782661796	0.782661796 ± 32	
CDD_MtrCurr2_Volts_G_f32[0]	4.00637007	4.00637007 ± 32	
CDD_MtrCurr2_Volts_G_f32[1]	0.559218585	0.559218585 ± 32	
CDD_MtrCurrDax_Amp_G_f32[0]	-120.001526	-120.001526 ± 0.03	
CDD_MtrCurrDax_Amp_G_f32[1]	54.1554565	54.1554565 ± 0.03	
CDD_MtrCurrK1_Amps_G_f32[0]	-180.001526	-180.001526 ± 32	
CDD_MtrCurrK1_Amps_G_f32[1]	215.460602	215.460602 ± 32	
CDD_MtrCurrK2_Amps_G_f32[0]	-120.001526	-120.001526 ± 32	
CDD_MtrCurrK2_Amps_G_f32[1]	-44.3299561	-44.3299561 ± 32	
CDD_MtrCurrQax_Amp_G_f32[0]	-140.001526	-140.001526 ± 0.03	
CDD_MtrCurrQax_Amp_G_f32[1]	213.203186	213.203186 ± 0.03	

CurrDQPer1

2016-07-24, 13:53:17+0530



Test Case 2: Range Test

2016-07-24, 13:53:17+0530

CurrDQPer1



#### Specification

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

CPU Cycles:

TC2.1	974 Cycles
	1018 Cycles
TC2.3	943 Cycles
TC2.4	997 Cycles
TC2.5	897 Cycles
TC2.0	897 Cycles
TC2.8	984 Cycles 897 Cycles 953 Cycles 916 Cycles
TC2.9	916 Cycles
TC2.10	953 Cycles
TC2.11	916 Cycles
TC2.12 TC2.13	900 Cycles 900 Cycles
TC2.14	900 Cycles
TC2.15	900 Cycles
TC2.16	900 Cycles
TC2.17	900 Cycles
TC2.8 TC2.9 TC2.10 TC2.11 TC2.12 TC2.13 TC2.14 TC2.15 TC2.16 TC2.17 TC2.18 TC2.19	966 Cycles 906 Cycles
TC2.20	914 Cycles
TC2.20 TC2.21 TC2.22	906 Cycles 933 Cycles 933 Cycles 917 Cycles
TC2.22	933 Cycles
TC2.23 TC2.24	933 Cycles
TC2.25	949 Cycles
TC2.26	923 Cycles
TC2.25 TC2.26 TC2.27 TC2.28	949 Cycles 949 Cycles 923 Cycles 933 Cycles 953 Cycles
TC2.28	953 Cycles
TC2.29 TC2.30	962 Cycles 923 Cycles
TC2.31	932 Cycles
TC2.32	969 Cycles
TC2.33	932 Cycles
TC2.34	923 Cycles
TC2.35	952 Cycles
TC2.22 TC2.23 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 TC2.38 TC2.39 TC2.41 TC2.41 TC2.42 TC2.41 TC2.42 TC2.43	906 Cycles 933 Cycles 933 Cycles 937 Cycles 949 Cycles 923 Cycles 953 Cycles 953 Cycles 969 Cycles 932 Cycles 932 Cycles 932 Cycles 942 Cycles 942 Cycles 942 Cycles 942 Cycles
TC2.38 TC2.39	942 Cycles
TC2.39	942 Cycles 945 Cycles 925 Cycles 929 Cycles 929 Cycles 923 Cycles 889 Cycles 957 Cycles 906 Cycles 933 Cycles 886 Cycles
TC2.40 TC2.41	925 Cycles
TC2.42	929 Cycles
TC2.43	923 Cycles
TC2.44	889 Cycles
TC2.45 TC2.46	957 Cycles 906 Cycles
TC2.46 TC2.47	933 Cycles
TC2.47 TC2.48	886 Cycles 923 Cycles 961 Cycles
TC2.49	923 Cycles
TC2.49 TC2.50 TC2.51 TC2.52 TC2.53 TC2.54 TC2.55	961 Cycles 951 Cycles
TC2.51 TC2.52	961 Cycles
TC2.53	979 Cycles
TC2.54	899 Cycles
TC2.55	978 Cycles
TC2.56 TC2.57	943 Cycles
TC2.57 TC2.58	935 Cycles
TC2.59	948 Cycles
TC2.60 TC2.61 TC2.62 TC2.63	948 Cycles 948 Cycles 948 Cycles 941 Cycles 914 Cycles
TC2.61	914 Cycles 946 Cycles
TC2.63	968 Cycles
TC2.4 TC2.5 TC2.6 TC2.7 TC2.8 TC2.9 TC2.10 TC2.11 TC2.12 TC2.13 TC2.14 TC2.15 TC2.16 TC2.17 TC2.18 TC2.21 TC2.22 TC2.21 TC2.22 TC2.23 TC2.24 TC2.25 TC2.26 TC2.27 TC2.28 TC2.27 TC2.30 TC2.31 TC2.32 TC2.31 TC2.32 TC2.31 TC2.35 TC2.36 TC2.37 TC2.38 TC2.37 TC2.38 TC2.37 TC2.38 TC2.37 TC2.38 TC2.37 TC2.38 TC2.39 TC2.40 TC2.50 TC2.51 TC2.52 TC2.53 TC2.52 TC2.55 TC2.56 TC2.57 TC2.58 TC2.59 TC2.66 TC2.67 TC2.66 TC2.67 TC2.66 TC2.67 TC2.66 TC2.67 TC2.66 TC2.70 TC2.66 TC2.70 TC2.66 TC2.70 TC2.68	889 Cycles
TC2.65	885 Cycles
TC2.64 TC2.65 TC2.66 TC2.67 TC2.68	893 Cycles 924 Cycles 979 Cycles
TC2.67	979 Cycles
TC2.69	924 Cycles
TC2.70	914 Cycles
TC2.71	923 Cycles
702 73	889 Cycles 957 Cycles
TC2.73	889 Cycles 957 Cycles 923 Cycles
TC2.74 TC2.75 TC2.76	889 Cycles 957 Cycles
TC2.76	957 Cycles





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

```
TS2.1All Min
 TS2.2All Max
 TS2.3k_MtrPosComputDelay_Sec_f32=Min
IS2.3K_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==>Min
```

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	

CurrDQPer1

2016-07-24, 13:53:17+0530



Input Value CDD\_MRFMtrVel\_MtrRadpS\_G\_f32[1] -1118 CDD\_MtrCurr1TempOffset\_Volt\_G\_f32[0] -0.0260000005 CDD MtrCurr1TempOffset\_Volt\_G\_f32[1] -0.0260000005 CDD\_MtrCurr1\_Volts\_G\_f32[0] CDD\_MtrCurr1\_Volts\_G\_f32[1] -0.0260000005 CDD\_MtrCurr2TempOffset\_Volt\_G\_f32[0] CDD\_MtrCurr2TempOffset\_Volt\_G\_f32[1] -0.0260000005 CDD\_MtrCurr2\_Volts\_G\_f32[0] 0 CDD\_MtrCurr2\_Volts\_G\_f32[1] -220 CDD\_MtrCurrDax\_Amp\_G\_f32[0] 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 Rte\_Inst\_Sa\_CmMtrCurr tgt\_Rte\_Inst\_Sa\_CmMtrCuri k MtrCurrOffLoComOff\_Cnt\_u16 500 k\_MtrPosComputDelay\_Sec\_f32 2.49999994e-005 k NoofPoles Uls f32 2 tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32 1 tgt Pim ShCurrCal.EOLPhscurr1Gain AmpspVolt f32 20 tgt\_Pim\_ShCurrCal.EOLPhscurr2Gain\_AmpspVolt\_f32 20 tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32 tgt\_Pim\_ShCurrCal  $tgt\_Rte\_Inst\_Sa\_CmMtrCurr.Pim\_ShCurrCal$ Actual Value Name **Expected Value** Result 0.0788726807 ± 0.0000152587890625 CDD CorrMtrPosElec Rev G f32[0] 0.0788726807 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  $0 \pm 32$ CDD\_MtrCurr1\_Volts\_G\_f32[1] 0 0 ± 32 CDD\_MtrCurr2\_Volts\_G\_f32[0] 0  $0 \pm 32$ CDD\_MtrCurr2\_Volts\_G\_f32[1] 0 ± 32 CDD\_MtrCurrDax\_Amp\_G\_f32[0] 34.272995 ± 0.03 34.2729912 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 ± 32 0 -220 ± 32 CDD\_MtrCurrK2\_Amps\_G\_f32[1] -220 CDD\_MtrCurrQax\_Amp\_G\_f32[0] 18.5268288 18.5268288 ± 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	

-220

 $-220 \pm 0.03$ 

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

2016-07-24, 13:53:17+0530



CurrDQPer1

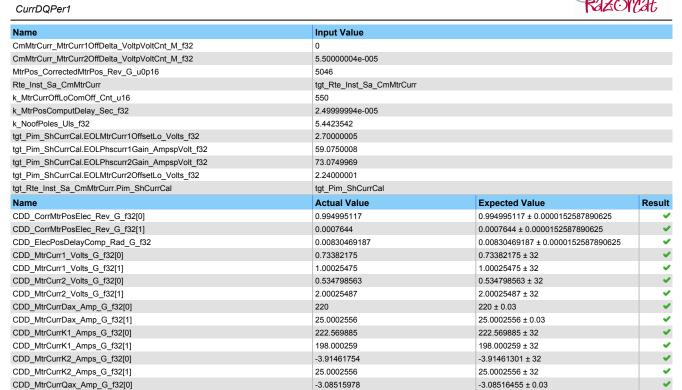
N	In most Welling		
Name	Input Value		
CDD_MtrCurrDax_Amp_G_f32[1]	220 220		
CDD_MtrCurrK1_Amps_G_f32[0]			
CDD_MtrCurrK1_Amps_G_f32[1]	220		
CDD_MtrCurrK2_Amps_G_f32[0]	220		
CDD_MtrCurrK2_Amps_G_f32[1]	220		
CDD_MtrCurrQax_Amp_G_f32[0]	220		
CDD_MtrCurrQax_Amp_G_f32[1]	220		
CDD_MtrElecPol_Cnt_G_s8	1		
CDD_Vecu_Volt_G_f32[0]	31		
CDD_Vecu_Volt_G_f32[1]	31		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	0.000171428997		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	0.000171428997		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	65535		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	1500		
k_MtrPosComputDelay_Sec_f32	0.000199999995		
k_NoofPoles_Uls_f32	6		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	125		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	125		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.999984741	0.999984741 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0234222412	0.0234222412 ± 0.0000152587890625	<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	~
CDD_MtrCurrDax_Amp_G_f32[0]	220	220 ± 0.03	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[1]	220	220 ± 0.03	~
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	~
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	0
CDD_DCPhsCComp_Cnt_G_u16p0	0
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	122.074997
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	143.074997
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0250000004
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0240000002
CDD_MtrCurr1_Volts_G_f32[0]	2.00025487
CDD_MtrCurr1_Volts_G_f32[1]	1.00025475
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0099999978
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

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

2016-07-24, 13:53:17+0530





63.0002556

63.0002556 ± 0.03

Name	Input Value	
Adc2_GetPhsBCurr_Cnt_u16_m	625	
Adc2 GetPhsCCurr Cnt u16 m	458	
CDD ADC2OffsetComp Cnt G u8p8	4096	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1	
CDD_CDDDataAccessBfr_Cnt_G_u16	1	
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0040000019	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00101919996	
CDD DCPhsBComp Cnt G u16p0	7150	
CDD_DCPhsCComp_Cnt_G_u16p0	7150	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	120.099998	
CDD MRFMtrVel MtrRadpS G f32[1]	141.100006	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0240000002	
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.023	
CDD_MtrCurr1_Volts_G_f32[0]	2.0005095	
CDD_MtrCurr1_Volts_G_f32[1]	4.00050974	
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0089999961	
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	
	198.000504	
CDD_MtrCurrDax_Amp_G_f32[1]	-180.000504	
CDD_MtrCurrK1_Amps_G_f32[0]	125.000511	
CDD_MtrCurrK1_Amps_G_f32[1]		
CDD_MtrCurrK2_Amps_G_f32[0]	-200.000504	
CDD_MtrCurrK2_Amps_G_f32[1]	198.000504	
CDD_MtrCurrQax_Amp_G_f32[0]	-120.000511	
CDD_MtrCurrQax_Amp_G_f32[1]	25.0005093	
CDD_MtrElecPol_Cnt_G_s8	-1	
CDD_Vecu_Volt_G_f32[0]	8.23999977	
CDD_Vecu_Volt_G_f32[1]	7.5	
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	2.0999998e-005	
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	5.6000008e-005	
/trPos_CorrectedMtrPos_Rev_G_u0p16	5177	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
_MtrCurrOffLoComOff_Cnt_u16	600	
x_MtrPosComputDelay_Sec_f32	0.000199999995	
x_NoofPoles_Uls_f32	4.1064229	
gt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.7999995	
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]	0.171539307	0.171539307 ± 0.0000152587890625	<b>✓</b>
CDD_ElecPosDelayComp_Rad_G_f32	0.0579416305	0.0579416268 ± 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	<b>✓</b>
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]	168.676041	168.676025 ± 0.03	~
CDD_MtrCurrK1_Amps_G_f32[0]	-180.000504	-180.000504 ± 32	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[1]	529.10144	529.101379 ± 32	<b>✓</b>
CDD_MtrCurrK2_Amps_G_f32[0]	-200.000504	-200.000504 ± 32	<b>✓</b>
CDD_MtrCurrK2_Amps_G_f32[1]	-92.7710114	-92.7709961 ± 32	<b>✓</b>
CDD_MtrCurrQax_Amp_G_f32[0]	-120.000511	-120.000511 ± 0.03	<b>✓</b>
CDD_MtrCurrQax_Amp_G_f32[1]	220	220 ± 0.03	

Test Step 2.5 (Repeat Count = 1)		
Name	Input Value	
Adc2_GetPhsBCurr_Cnt_u16_m	641	
Adc2_GetPhsCCurr_Cnt_u16_m	470	
CDD_ADC2OffsetComp_Cnt_G_u8p8	6144	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	
CDD_CDDDataAccessBfr_Cnt_G_u16	0	
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.00499999989	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00127400004	
CDD_DCPhsBComp_Cnt_G_u16p0	255	
CDD_DCPhsCComp_Cnt_G_u16p0	324	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	122.125	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	144.125	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.023	
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0219999999	
CDD_MtrCurr1_Volts_G_f32[0]	0.0007644	
CDD_MtrCurr1_Volts_G_f32[1]	2.00076437	
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.00800000038	
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.00700000022	
CDD_MtrCurr2_Volts_G_f32[0]	0.0007644	
CDD_MtrCurr2_Volts_G_f32[1]	1.00076437	
CDD_MtrCurrDax_Amp_G_f32[0]	-180.000763	
CDD_MtrCurrDax_Amp_G_f32[1]	125.000763	
CDD_MtrCurrK1_Amps_G_f32[0]	-160.000763	
CDD_MtrCurrK1_Amps_G_f32[1]	120.000763	
CDD_MtrCurrK2_Amps_G_f32[0]	-180.000763	
CDD_MtrCurrK2_Amps_G_f32[1]	125.000763	
CDD_MtrCurrQax_Amp_G_f32[0]	-200.000763	
CDD_MtrCurrQax_Amp_G_f32[1]	198.000763	
CDD_MtrElecPol_Cnt_G_s8	1	
CDD_Vecu_Volt_G_f32[0]	9.25	
CDD_Vecu_Volt_G_f32[1]	8.51000023	
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	2.20000002e-005	
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	5.70000011e-005	
MtrPos_CorrectedMtrPos_Rev_G_u0p16	5308	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
k_MtrCurrOffLoComOff_Cnt_u16	650	
k_MtrPosComputDelay_Sec_f32	9.60000034e-005	
k_NoofPoles_Uls_f32	3.98144245	
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	Resu
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.00137329102	25
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00127400004	
CDD_ElecPosDelayComp_Rad_G_f32	0.0233392175 0.0233392157 ± 0.000015258789062	
CDD_MtrCurr1_Volts_G_f32[0]	0.753357768 ± 32	
CDD_MtrCurr1_Volts_G_f32[1]	2.00076437 2.00076437 ± 32	
CDD MtrCurr2 Volts G f32[0]	0.544566572	
CDD_MtrCurr2_Volts_G_f32[1]	1.00076437	





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]	252.710724	252.710724 ± 32	✓
CDD_MtrCurrK1_Amps_G_f32[1]	120.000763	120.000763 ± 32	<b>✓</b>
CDD_MtrCurrK2_Amps_G_f32[0]	1.68715608	1.68715167 ± 32	✓
CDD_MtrCurrK2_Amps_G_f32[1]	125.000763	125.000763 ± 32	✓
CDD_MtrCurrQax_Amp_G_f32[0]	0.493430138	0.493434519 ± 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	300		
CDD_DCPhsCComp_Cnt_G_u16p0	358		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	120.150002		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	142.149994		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0219999999		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0209999997		
CDD_MtrCurr1_Volts_G_f32[0]	1.00101924		
CDD_MtrCurr1_Volts_G_f32[1]	2.00101924		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.00700000022		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0060000005		
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	3.30382323		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	1		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	62.1500015		
tgt Pim ShCurrCal.EOLPhscurr2Gain AmpspVolt_132	85.1500015		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.32999992		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
		From a start Walter	
Name	Actual Value	Expected Value	Resu
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0060000005	0.00600000005 ± 0.0000152587890625	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.170425415	0.170425415 ± 0.0000152587890625	
CDD_ElecPosDelayComp_Rad_G_f32	0.0258301161	0.0258301143 ± 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]	4.18052673	4.1805253 ± 0.03	
CDD_MtrCurrK1_Amps_G_f32[0]	-140.001022	-140.001022 ± 32	
CDD_MtrCurrK1_Amps_G_f32[1]	142.99649	142.99649 ± 32	
CDD_MtrCurrK2_Amps_G_f32[0]	-160.001022	-160.001022 ± 32	
CDD_MtrCurrK2_Amps_G_f32[1]	-73.3523331	-73.3523331 ± 32	
CDD_MtrCurrQax_Amp_G_f32[0]	-180.001022	-180.001022 ± 0.03	
CDD_MtrCurrQax_Amp_G_f32[1]	160.658279	160.658279 ± 0.03	



CDD_CorrMtrPosElec_Rev_G_f32[0]       0.00727844238       0.00727844238 ± 0.0000152587890625         CDD_CorrMtrPosElec_Rev_G_f32[1]       0.00178359996       0.00178359996 ± 0.0000152587890625         CDD_ElecPosDelayComp_Rad_G_f32       0.0352029353       0.0352029353 ± 0.0000152587890625         CDD_MtrCurr1_Volts_G_f32[0]       0.772893786       0.772893786 ± 32         CDD_MtrCurr2_Volts_G_f32[1]       1.00127399       1.00127399 ± 32         CDD_MtrCurr2_Volts_G_f32[0]       0.554334581       0.554334581 ± 32         CDD_MtrCurr2_Volts_G_f32[1]       2.00127411       2.00127411 ± 32         CDD_MtrCurrDax_Amp_G_f32[0]       220       220 ± 0.03         CDD_MtrCurrDax_Amp_G_f32[1]       63.0012741       63.0012741 ± 0.03	Test Step 2.7 (Repeat Count = 1)			<b>∀</b>
ABA2_GRIPN_COUT_CIT_UIL   IR	Name			
CDD_ACCOTHMECORD_CRT_Q_U160	Adc2_GetPhsBCurr_Cnt_u16_m	673		
CDD_AppCarpEvoRhacesself: Cnt_Q_116				
CDD_CDDDataAccessBf_CR_EV_S_[320]				
CDD Contribribables   Rev. 9, 1920				
CDD_Contribreosible_Rev_Q_12[1]				
COD_DCPhsComp_Crt_C_u16p0				
CDD_DCPhscComp_Cnt_Q_u16po				
CDD_MPFMINVel_MirRadpS_G_R2[1] 122.175003  CDD_MCAUTHENDOFfiest_Voli_G_R2[1] 0.0000000009  CDD_MCCAUTHENDOFfiest_Voli_G_R2[1] 0.00000000000000000000000000000000000				
CDD_MRCurt1 TempOffset_Voll_G_B2[1]	:= = = :			
DD_MirCurtTempOffset_Voit_G_132[1]				
CDD_MICurtT Vents_G_152[1]				
DDD_MICurt_Volls_G_182[0]   1.00127399   1.0012734   1.001286				
DD_MrCurr1_Volls_G_132[1]				
CDD_MtCurr2TempOffset_Volt_G_[32[1]				
CDD_MtrCurr2 tempOffset_Volt_G_r32(1)				
CDD_MtrCurr2_Volts_G_f32[0]   1.00127399				
CDD_MtrCurrDax_Amp_G_132[1]				
CDD MtrCurrDax Amp_G_[32[0]				
CDD_MtrCurrBx_Amp_G_[32[1]   63.012741				
CDD_MtrCurrK1_Amps_G_f32[0]				
CDD_MtrCurrK2_Amps_G_132[1]   198.001266   1-140.001266   1-120.0001274   1-120.0005   1-120.0				
CDD_MtrCurrk2_Amps_G_132[0]				
CDD_MtrCurrK2_Amps_G_32[1]				
CDD_MtrCurrQax_Amp_G_f32[0]   -160.001266				
CDD_MtrCurrQax_Amp_G_{32[1]}   120.001274				
CDD_MtrElecPol_Cnt_G_s8				
CDD_Vecu_Volt_G_[32[0]				
CDD_vecu_volt_G_f32[1]				
CmMtrCurr_MtrCurr10ffDelta_VoltpVoltCnt_M_f32				
CmMtrCur_MtrCurr2OffDelta_VoltpVoltCnt_M_f32         5.9000018e-005           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         4.80225563           tgt_Pim_ShCurrCal_EOLMtrCurr1OffsetLo_Volts_f32         63.1749992           tgt_Pim_ShCurrCal_EOLPhscurr1Gain_AmpspVolt_f32         63.1749992           tgt_Pim_ShCurrCal_EOLMtrCurr2OffsetLo_Volts_f32         89.1750031           tgt_Pim_ShCurrCal_EOLMtrCurr.Pim_ShCurrCal         tgt_Pim_ShCurrCal           Mame         Actual Value         Expected Value         Re           CDD_CorrMtrPosElec_Rev_G_f32[0]         0.00727844238         0.00727844238 + 0.0000152587890625         CDD_ElecPosDelayComp_Rad_G_f32         0.00178359996         0.00178359996 + 0.0000152587890625         CDD_ElecPosDelayComp_Rad_G_f32         0.0352029353         0.0352029353 + 0.0000152587890625         CDD_MtrCurr1_Volts_G_f32[1]         0.00127399         1.00127399 + 32         CDD_MtrCurr1_Volts_G_f32[1]         0.00127399         1.00127399 + 32         CDD_MtrCurr2_Volts_G_f32[1]         0.054334581 + 32         0.00127411 + 32         CDD_MtrCurrDay_Amp_G_f32[0]         0.554334581         0.554334581 + 32         CDD_MtrCurrDay_Amp_G_f32[0]         220				
MtrPos_CorrectedMtrPos_Rev_G_u0p16         5571           Rte_Inst_Sa_CmMtrCurr         tgt_Rte_Inst_Sa_CmMtrCurr           k_MtrPosCompdf_Cnt_u16         750           k_MtrPosComputDelay_Sec_f32         0.000119999997           k_NoofPoles_UIs_f32         4.80225563           tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32         3           tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32         63.1749992           tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32         89.1750031           tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32         2.3599999           tgt_Re_Inst_Sa_CmMtrCurr.PisShCurrCal         tgt_Pim_ShCurrCal           Name         Actual Value         Expected Value         Re           CDD_CorrMtrPosElec_Rev_G_f32[0]         0.00727844238         0.00727844238 ± 0.0000152587890625         Re           CDD_ElecPosDelayComp_Rad_G_f32         0.0352029353         0.0352029353 ± 0.0000152587890625         CDD_ElecPosDelayComp_Rad_G_f32         0.0352029353         0.0352029358 ± 0.0000152587890625           CDD_MtrCurr1_Volts_G_f32[1]         1.00127399         1.00127399 ± 32         CDD_MtrCurr1_Volts_G_f32[1]         0.554334581         0.554334581 ± 32           CDD_MtrCurr2_Volts_G_f32[1]         0.00127411         2.00127411 ± 32         CDD_MtrCurrDax_Amp_G_f32[0]         220         220 ± 0.03 <td< td=""><td></td><td></td><td></td><td></td></td<>				
Rte_Inst_Sa_CmMtrCurr         tgt_Rte_Inst_Sa_CmMtrCurr           k_MtrCurrOffLoComOff_Cnt_u16         750           k_MtrPosComputDelay_Sec_f32         0.000119999997           k_NooFfoles_Uls_f32         4.80225563           tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32         3           tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32         89.1750031           tgt_Pim_ShCurrCal.EOLDMtrCurr2OffsetLo_Volts_f32         89.1750031           tgt_Pim_ShCurrCal.EOLMtrCurr.Pim_ShCurrCal         tgt_Pim_ShCurrCal           Name         Actual Value         Expected Value         Re           CDD_CorrMtrPosElec_Rev_G_f32[0]         0.00727844238         0.00727844238 ± 0.0000152587890625         CD           CDD_ElecPosDelayComp_Rad_G_f32         0.0352029353         0.0352029353 ± 0.0000152587890625         CD           CDD_MtrCurr1_Volts_G_f32[0]         0.772893786         0.772893786 ± 32         0.0772893786 ± 32           CDD_MtrCurr1_Volts_G_f32[1]         1.00127399         1.00127399 ± 32         0.0D_MtrCurr2_Volts_G_f32[1]         2.00127411 ± 32         2.00127411 ± 32         CD_MtrCurrDax_Amp_G_f32[1]         2.00127411         2.00127411 ± 32         0.00127411 ± 0.03				
k_MtrCurrOffLoComOff_Cnt_u16       750         k_MtrPosComputDelay_Sec_f32       0.000119999997         k_NoofPoles_UIs_f32       4.80225563         tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32       3         tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32       63.1749992         tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32       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       Re         CDD_CorrMtrPosElec_Rev_G_f32[0]       0.00727844238       0.00727844238 ± 0.0000152587890625         CDD_CorrMtrPosElec_Rev_G_f32[1]       0.00178359996       0.00178359996 ± 0.0000152587890625         CDD_ElecPosDelayComp_Rad_G_f32       0.0352029353       0.0352029353 ± 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[1]       2.00127411       2.00127411 ± 32         CDD_MtrCurrDax_Amp_G_f32[0]       220       220 ± 0.03         CDD_MtrCurrDax_Amp_G_f32[1]       63.0012741       63.0012741 ± 0.03				
k_MtrPosComputDelay_Sec_f32       0.000119999997         k_NoofPoles_Uls_f32       4.80225563         tgt_Pim_ShCurrCal.EOLMtrCurr10ffsetLo_Volts_f32       3         tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32       63.1749992         tgt_Pim_ShCurrCal.EOLMtrCur2OffsetLo_Volts_f32       89.1750031         tgt_Pim_ShCurrCal.EOLMtrCur2OffsetLo_Volts_f32       2.3599999         tgt_Re_Inst_Sa_CmMtrCurr.Pim_ShCurrCal       tgt_Pim_ShCurrCal         Name       Actual Value       Expected Value       Re         CDD_CorrMtrPosElec_Rev_G_f32[0]       0.00727844238       0.00727844238 ± 0.0000152587890625         CDD_CorrMtrPosElec_Rev_G_f32[1]       0.00178359996       0.00178359996 ± 0.0000152587890625         CDD_ElecPosDelayComp_Rad_G_f32       0.0352029353       0.0352029353 ± 0.0000152587890625         CDD_MtrCurr1_Volts_G_f32[0]       0.772893786       0.772893786 ± 32         CDD_MtrCurr1_Volts_G_f32[1]       1.00127399       1.00127399 ± 32         CDD_MtrCurr2_Volts_G_f32[0]       0.554334581       0.554334581 ± 32         CDD_MtrCurr2_Volts_G_f32[1]       2.00127411       2.00127411 ± 32         CDD_MtrCurrDax_Amp_G_f32[0]       220       220 ± 0.03         CDD_MtrCurrDax_Amp_G_f32[1]       63.0012741       63.0012741 ± 0.03				
k_NoofPoles_UIs_f32       4.80225563         tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32       3         tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32       63.1749992         tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32       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       Re         CDD_CorrMtrPosElec_Rev_G_f32[0]       0.00727844238       0.00727844238 ± 0.0000152587890625         CDD_CorrMtrPosElec_Rev_G_f32[1]       0.00178359996       0.00178359996 ± 0.0000152587890625         CDD_ElecPosDelayComp_Rad_G_f32       0.0352029353       0.0352029353 ± 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[1]       0.554334581       0.554334581 ± 32         CDD_MtrCurr2_Volts_G_f32[1]       2.00127411       2.00127411 ± 32         CDD_MtrCurrDax_Amp_G_f32[0]       220       220 ± 0.03         CDD_MtrCurrDax_Amp_G_f32[1]       63.0012741       63.0012741 ± 0.03		0.000119999997		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32       3         tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32       63.1749992         tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32       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       Re         CDD_CorrMtrPosElec_Rev_G_f32[0]       0.00727844238       0.00727844238 ± 0.0000152587890625         CDD_CorrMtrPosElec_Rev_G_f32[1]       0.00178359996       0.00178359996 ± 0.0000152587890625         CDD_ElecPosDelayComp_Rad_G_f32       0.0352029353       0.0352029353 ± 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[1]       0.554334581       0.554334581 ± 32         CDD_MtrCurr2_Volts_G_f32[1]       2.00127411       2.00127411 ± 32         CDD_MtrCurrDax_Amp_G_f32[0]       220       220 ± 0.03         CDD_MtrCurrDax_Amp_G_f32[1]       63.0012741       63.0012741 ± 0.03				
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32 tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 2.3599999 tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal  Name  Actual Value Expected Value Re  CDD_CorrMtrPosElec_Rev_G_f32[0] 0.00727844238 0.00727849238 0.00727849238 0.00727849238 0.00727849238 0.0072784938996 25 CDD_LelecPosDelayComp_Rad_G_f32[0] 0.772893786 0.772893786 0.772893786 0.772893786 2				
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32       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       Re         CDD_CorrMtrPosElec_Rev_G_f32[0]       0.00727844238       0.00727844238 ± 0.0000152587890625       CDD_CorrMtrPosElec_Rev_G_f32[1]       0.00178359996       0.00178359996 ± 0.0000152587890625         CDD_ElecPosDelayComp_Rad_G_f32       0.0352029353       0.0352029353 ± 0.0000152587890625       CDD_MtrCurr1_Volts_G_f32[0]       0.772893786       0.772893786 ± 32         CDD_MtrCurr1_Volts_G_f32[1]       1.00127399       1.00127399 ± 32       1.00127399 ± 32         CDD_MtrCurr2_Volts_G_f32[0]       0.554334581       0.554334581 ± 32         CDD_MtrCurr2_Volts_G_f32[1]       2.00127411       2.00127411 ± 32         CDD_MtrCurrDax_Amp_G_f32[0]       220       220 ± 0.03         CDD_MtrCurrDax_Amp_G_f32[1]       63.0012741       63.0012741 ± 0.03				
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal         tgt_Pim_ShCurrCal           Name         Actual Value         Expected Value         Re           CDD_CorrMtrPosElec_Rev_G_f32[0]         0.00727844238         0.00727844238 ± 0.0000152587890625         0.00727844238         0.00727844238 ± 0.0000152587890625         0.00727844238         0.00727844238 ± 0.0000152587890625         0.00727844238         0.00727844238 ± 0.0000152587890625         0.00727844238 ± 0.0000152587890625         0.00727844238 ± 0.0000152587890625         0.00727893786         0.00727893786 ± 32         0.0052029353 ± 0.0000152587890625         0.00727893786 ± 32         0.072893786 ± 32         0.072893786 ± 32         0.072893786 ± 32         0.00127399 ± 32		89.1750031		
Name         Actual Value         Expected Value         Re           CDD_CorrMtrPosElec_Rev_G_f32[0]         0.00727844238         0.00727844238 ± 0.0000152587890625         0.00727844238 ± 0.0000152587890625           CDD_CorrMtrPosElec_Rev_G_f32[1]         0.00178359996         0.00178359996 ± 0.0000152587890625         0.00178359996 ± 0.0000152587890625           CDD_MtrCurr1_Volts_G_f32[0]         0.772893786         0.772893786 ± 32         0.072893786 ± 32           CDD_MtrCurr1_Volts_G_f32[1]         1.00127399         1.00127399 ± 32         0.554334581 ± 32           CDD_MtrCurr2_Volts_G_f32[0]         0.554334581         0.554334581 ± 32         0.00127411 ± 32           CDD_MtrCurrDax_Amp_G_f32[0]         220         220 ± 0.03         200 ± 0.03           CDD_MtrCurrDax_Amp_G_f32[1]         63.0012741         63.0012741 ± 0.03	tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.3599999		
CDD_CorrMtrPosElec_Rev_G_f32[0]       0.00727844238       0.00727844238 ± 0.0000152587890625         CDD_CorrMtrPosElec_Rev_G_f32[1]       0.00178359996       0.00178359996 ± 0.0000152587890625         CDD_ElecPosDelayComp_Rad_G_f32       0.0352029353       0.0352029353 ± 0.0000152587890625         CDD_MtrCurr1_Volts_G_f32[0]       0.772893786       0.772893786 ± 32         CDD_MtrCurr1_Volts_G_f32[1]       1.00127399       1.00127399 ± 32         CDD_MtrCurr2_Volts_G_f32[0]       0.554334581       0.554334581 ± 32         CDD_MtrCurr2_Volts_G_f32[1]       2.00127411       2.00127411 ± 32         CDD_MtrCurrDax_Amp_G_f32[0]       220       220 ± 0.03         CDD_MtrCurrDax_Amp_G_f32[1]       63.0012741       63.0012741 ± 0.03	tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
CDD_CorrMtrPosElec_Rev_G_[32[1]       0.00178359996       0.00178359996 ± 0.0000152587890625         CDD_ElecPosDelayComp_Rad_G_f32       0.0352029353       0.0352029353 ± 0.0000152587890625         CDD_MtrCurr1_Volts_G_f32[0]       0.772893786       0.772893786 ± 32         CDD_MtrCurr1_Volts_G_f32[1]       1.00127399       1.00127399 ± 32         CDD_MtrCurr2_Volts_G_f32[0]       0.554334581       0.554334581 ± 32         CDD_MtrCurr2_Volts_G_f32[1]       2.00127411       2.00127411 ± 32         CDD_MtrCurrDax_Amp_G_f32[0]       220       220 ± 0.03         CDD_MtrCurrDax_Amp_G_f32[1]       63.0012741       63.0012741 ± 0.03	Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_[32[1]       0.00178359996       0.00178359996 ± 0.0000152587890625         CDD_ElecPosDelayComp_Rad_G_f32       0.0352029353       0.0352029353 ± 0.0000152587890625         CDD_MtrCurr1_Volts_G_f32[0]       0.772893786       0.772893786 ± 32         CDD_MtrCurr1_Volts_G_f32[1]       1.00127399       1.00127399 ± 32         CDD_MtrCurr2_Volts_G_f32[0]       0.554334581       0.554334581 ± 32         CDD_MtrCurr2_Volts_G_f32[1]       2.00127411       2.00127411 ± 32         CDD_MtrCurrDax_Amp_G_f32[0]       220       220 ± 0.03         CDD_MtrCurrDax_Amp_G_f32[1]       63.0012741       63.0012741 ± 0.03	CDD CorrMtrPosElec Rev G f32[0]	0.00727844238	0.00727844238 ± 0.0000152587890625	-
CDD_ElecPosDelayComp_Rad_G_f32       0.0352029353       0.0352029353 ± 0.000152587890625         CDD_MtrCurr1_Volts_G_f32[0]       0.772893786       0.772893786 ± 32         CDD_MtrCurr1_Volts_G_f32[1]       1.00127399       1.00127399 ± 32         CDD_MtrCurr2_Volts_G_f32[0]       0.554334581       0.554334581 ± 32         CDD_MtrCurr2_Volts_G_f32[1]       2.00127411       2.00127411 ± 32         CDD_MtrCurrDax_Amp_G_f32[0]       220       220 ± 0.03         CDD_MtrCurrDax_Amp_G_f32[1]       63.0012741       63.0012741 ± 0.03				•
CDD_MtrCurr1_Volts_G_f32[0]       0.772893786       0.772893786 ± 32         CDD_MtrCurr1_Volts_G_f32[1]       1.00127399       1.00127399 ± 32         CDD_MtrCurr2_Volts_G_f32[0]       0.554334581       0.554334581 ± 32         CDD_MtrCurr2_Volts_G_f32[1]       2.00127411       2.00127411 ± 32         CDD_MtrCurrDax_Amp_G_f32[0]       220       220 ± 0.03         CDD_MtrCurrDax_Amp_G_f32[1]       63.0012741       63.0012741 ± 0.03				
CDD_MtrCurr1_Volts_G_[32[1]       1.00127399       1.00127399 ± 32         CDD_MtrCurr2_Volts_G_[32[0]       0.554334581       0.554334581 ± 32         CDD_MtrCurr2_Volts_G_[32[1]       2.00127411       2.00127411 ± 32         CDD_MtrCurrDax_Amp_G_[32[0]       220       220 ± 0.03         CDD_MtrCurrDax_Amp_G_[32[1]       63.0012741       63.0012741 ± 0.03				•
CDD_MtrCurr2_Volts_G_[32[0]       0.554334581       0.554334581 ± 32         CDD_MtrCurr2_Volts_G_[32[1]       2.00127411       2.00127411 ± 32         CDD_MtrCurrDax_Amp_G_[32[0]       220       220 ± 0.03         CDD_MtrCurrDax_Amp_G_[32[1]       63.0012741       63.0012741 ± 0.03				•
CDD_MtrCurr2_Volts_G_f32[1]       2.00127411       2.00127411 ± 32         CDD_MtrCurrDax_Amp_G_f32[0]       220       220 ± 0.03         CDD_MtrCurrDax_Amp_G_f32[1]       63.0012741       63.0012741 ± 0.03		0.554334581		•
CDD_MtrCurrDax_Amp_G_f32[1] 63.0012741 ± 0.03		2.00127411	2.00127411 ± 32	
CDD_MtrCurrDax_Amp_G_f32[1] 63.0012741 ± 0.03	CDD_MtrCurrDax_Amp_G_f32[0]	220	220 ± 0.03	
CDD MtrCurrK1 Amps G f32[0] 271.707794 271.707764 ± 32	CDD_MtrCurrDax_Amp_G_f32[1]	63.0012741	63.0012741 ± 0.03	•
	CDD_MtrCurrK1_Amps_G_f32[0]	271.707794	271.707764 ± 32	
CDD_MtrCurrK1_Amps_G_f32[1] 198.001266 ± 32	CDD_MtrCurrK1_Amps_G_f32[1]	198.001266	198.001266 ± 32	
CDD_MtrCurrK2_Amps_G_f32[0] 3.93014002 ± 32	CDD_MtrCurrK2_Amps_G_f32[0]	3.9301312	3.93014002 ± 32	
CDD_MtrCurrK2_Amps_G_f32[1] 63.0012741 ± 32	CDD_MtrCurrK2_Amps_G_f32[1]	63.0012741	63.0012741 ± 32	•
CDD_MtrCurrQax_Amp_G_f32[0] 8.49533463 8.49532413 ± 0.03	CDD_MtrCurrQax_Amp_G_f32[0]	8.49533463	8.49532413 ± 0.03	•
CDD_MtrCurrQax_Amp_G_f32[1] 120.001274 120.001274 120.001274	CDD_MtrCurrQax_Amp_G_f32[1]	120.001274	120.001274 ± 0.03	•

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





Name	Input Value		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00203839992		
CDD_DCPhsBComp_Cnt_G_u16p0	390		
CDD_DCPhsCComp_Cnt_G_u16p0	426		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	120.199997		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	143.199997		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.00200000009		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0189999994		
CDD_MtrCurr1_Volts_G_f32[0]	4.00637007		
CDD_MtrCurr1_Volts_G_f32[1]	1.00636995		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.00499999989		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0040000019		
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	2.49999994e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	5.9999985e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	5702		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	800		
k_MtrPosComputDelay_Sec_f32	0.00013		
k_NoofPoles_Uls_f32	5.30713034		
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]	0.178192139	0.178192139 ± 0.0000152587890625	<b>✓</b>
CDD_ElecPosDelayComp_Rad_G_f32	0.049398765	0.0493987687 ± 0.0000152587890625	-
CDD_MtrCurr1_Volts_G_f32[0]	4.00637007	4.00637007 ± 32	<b>✓</b>
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	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[1]	84.7281952	84.7281876 ± 0.03	~
CDD_MtrCurrK1_Amps_G_f32[0]	-180.001526	-180.001526 ± 32	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[1]	247.560608	247.560608 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-120.001526	-120.001526 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[1]	-25.7970219	-25.7970219 ± 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	435
CDD_DCPhsCComp_Cnt_G_u16p0	460
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	122.224998
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	146.225006
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0189999994
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0179999992
CDD_MtrCurr1_Volts_G_f32[0]	0.00178359996
CDD_MtrCurr1_Volts_G_f32[1]	2.00178361
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.00400000019





Name	Input Value		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.00300000003		
CDD_MtrCurr2_Volts_G_f32[0]	0.00178359996		
CDD_MtrCurr2_Volts_G_f32[1]	1.00178361		
CDD_MtrCurrDax_Amp_G_f32[0]	-200.001785		
CDD_MtrCurrDax_Amp_G_f32[1]	198.001785		
CDD_MtrCurrK1_Amps_G_f32[0]	-160.001785		
CDD_MtrCurrK1_Amps_G_f32[1]	120.001785		
CDD_MtrCurrK2_Amps_G_f32[0]	-200.001785		
CDD_MtrCurrK2_Amps_G_f32[1]	198.001785		
CDD_MtrCurrQax_Amp_G_f32[0]	-120.001785		
CDD_MtrCurrQax_Amp_G_f32[1]	25.0017834		
CDD_MtrElecPol_Cnt_G_s8	1		
CDD_Vecu_Volt_G_f32[0]	13.29		
CDD_Vecu_Volt_G_f32[1]	12.5500002		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	2.59999997e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	6.09999988e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	5833		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	850		
k_MtrPosComputDelay_Sec_f32	0.000140000004		
k_NoofPoles_Uls_f32	2.10435843		
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]	0.00854492188	0.00854492188 ± 0.0000152587890625	-
CDD CorrMtrPosElec Rev G f32[1]	0.0022932	0.0022932 ± 0.0000152587890625	•
CDD_ElecPosDelayComp_Rad_G_f32	0.0180043653	0.0180043653 ± 0.0000152587890625	•
CDD_MtrCurr1_Volts_G_f32[0]	0.792429805	0.792429805 ± 32	•
CDD MtrCurr1 Volts G f32[1]	2.00178361	2.00178361 ± 32	•
CDD MtrCurr2 Volts G f32[0]	0.56410259	0.56410259 ± 32	•
CDD MtrCurr2 Volts G f32[1]	1.00178361	1.00178361 ± 32	-
CDD_MtrCurrDax_Amp_G_f32[0]	14.4348345	14.4348345 ± 0.03	•
CDD MtrCurrDax Amp G f32[1]	198.001785	198.001785 ± 0.03	-
CDD_MtrCurrK1_Amps_G_f32[0]	14.1979694	14.1979694 ± 32	•
CDD_MtrCurrK1_Amps_G_f32[1]	120.001785	120.001785 ± 32	-
CDD_MtrCurrK2_Amps_G_f32[0]	4.79512358	4.79512358 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[1]	198.001785	198.001785 ± 32	
CDD MtrCurrQax Amp G f32[0]	-4.02630091	-4.02630091 ± 0.03	-
CDD MtrCurrQax Amp G f32[1]	25.0017834	25.0017834 ± 0.03	

T 101 040/D 10 11	
Test Step 2.10 (Repeat Count = 1)	
Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	721
Adc2_GetPhsCCurr_Cnt_u16_m	530
CDD_ADC2OffsetComp_Cnt_G_u8p8	16384
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0099999978
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00254800008
CDD_DCPhsBComp_Cnt_G_u16p0	480
CDD_DCPhsCComp_Cnt_G_u16p0	494
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	120.25
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	144.25
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0179999992
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0170000009
CDD_MtrCurr1_Volts_G_f32[0]	1.00203836
CDD_MtrCurr1_Volts_G_f32[1]	2.00203848
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.00300000003
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.00200000009
CDD_MtrCurr2_Volts_G_f32[0]	1.00203836
CDD_MtrCurr2_Volts_G_f32[1]	2.00203848
CDD_MtrCurrDax_Amp_G_f32[0]	-180.002045
CDD_MtrCurrDax_Amp_G_f32[1]	125.002037
CDD_MtrCurrK1_Amps_G_f32[0]	-140.002045
CDD_MtrCurrK1_Amps_G_f32[1]	63.002037
CDD_MtrCurrK2_Amps_G_f32[0]	-180.002045
CDD_MtrCurrK2_Amps_G_f32[1]	125.002037
CDD_MtrCurrQax_Amp_G_f32[0]	-200.002045





Name	Input Value		
CDD_MtrCurrQax_Amp_G_f32[1]	198.002045		
CDD_MtrElecPol_Cnt_G_s8	-1		
CDD_Vecu_Volt_G_f32[0]	14.3000002		
CDD_Vecu_Volt_G_f32[1]	13.5600004		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	2.7e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	6.19999992e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	5964		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	900		
k_MtrPosComputDelay_Sec_f32	0.000150000007		
k_NoofPoles_Uls_f32	4.04976606		
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]	0.181304932	0.181304932 ± 0.0000152587890625	~
CDD_ElecPosDelayComp_Rad_G_f32	0.0438134111	0.0438134074 ± 0.0000152587890625	•
CDD_MtrCurr1_Volts_G_f32[0]	1.00203836	1.00203836 ± 32	<b>✓</b>
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	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[1]	-14.4833603	-14.483366 ± 0.03	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[0]	-140.002045	-140.002045 ± 32	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[1]	219.793549	219.793579 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-180.002045	-180.002045 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[1]	-117.180016	-117.180031 ± 32	~
CDD_MtrCurrQax_Amp_G_f32[0]	-200.002045	-200.002045 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	220	220 ± 0.03	~

Test Step 2.11 (Repeat Count = 1)	
Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	737
Adc2_GetPhsCCurr_Cnt_u16_m	542
CDD_ADC2OffsetComp_Cnt_G_u8p8	18432
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0109999999
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00280279992
CDD_DCPhsBComp_Cnt_G_u16p0	525
CDD_DCPhsCComp_Cnt_G_u16p0	528
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	122.275002
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	147.274994
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0170000009
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0160000008
CDD_MtrCurr1_Volts_G_f32[0]	2.00229311
CDD_MtrCurr1_Volts_G_f32[1]	1.00229323
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.00200000009
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.00100000005
CDD_MtrCurr2_Volts_G_f32[0]	2.00229311
CDD_MtrCurr2_Volts_G_f32[1]	1.00229323
CDD_MtrCurrDax_Amp_G_f32[0]	-160.002289
CDD_MtrCurrDax_Amp_G_f32[1]	120.002296
CDD_MtrCurrK1_Amps_G_f32[0]	-120.002296
CDD_MtrCurrK1_Amps_G_f32[1]	25.0022926
CDD_MtrCurrK2_Amps_G_f32[0]	-160.002289
CDD_MtrCurrK2_Amps_G_f32[1]	120.002296
CDD_MtrCurrQax_Amp_G_f32[0]	-180.002289
CDD_MtrCurrQax_Amp_G_f32[1]	125.002296
CDD_MtrElecPol_Cnt_G_s8	1
CDD_Vecu_Volt_G_f32[0]	15.3100004
CDD_Vecu_Volt_G_f32[1]	14.5699997
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	2.80000004e-005
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	6.2999995e-005
MtrPos_CorrectedMtrPos_Rev_G_u0p16	6095
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_MtrCurrOffLoComOff_Cnt_u16	950
k_MtrPosComputDelay_Sec_f32	0.000159999996

CurrDQPer1





Name	Input Value		
k_NoofPoles_Uls_f32	3.28270912	3.28270912	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.20000005		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	67.2750015		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	105.275002		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.5		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0147857666	0.0147857666 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00280279992	0.00280279992 ± 0.0000152587890625	<b>✓</b>
CDD_ElecPosDelayComp_Rad_G_f32	0.0321114585	0.0321114585 ± 0.0000152587890625	<b>✓</b>
CDD_MtrCurr1_Volts_G_f32[0]	0.811965823	0.811965823 ± 32	<b>✓</b>
CDD_MtrCurr1_Volts_G_f32[1]	1.00229323	1.00229323 ± 32	<b>✓</b>
CDD_MtrCurr2_Volts_G_f32[0]	0.573870599	0.573870599 ± 32	<b>✓</b>
CDD_MtrCurr2_Volts_G_f32[1]	1.00229323	1.00229323 ± 32	~
CDD_MtrCurrDax_Amp_G_f32[0]	179.54718	179.547211 ± 0.03	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[1]	120.002296	120.002296 ± 0.03	~
CDD_MtrCurrK1_Amps_G_f32[0]	172.416992	172.417023 ± 32	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[1]	25.0022926	25.0022926 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	84.875	84.8750153 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[1]	120.002296	120.002296 ± 32	<b>✓</b>
CDD_MtrCurrQax_Amp_G_f32[0]	-68.5141907	-68.5142059 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	125.002296	125.002296 ± 0.03	~

Test Step 2.12 (Repeat Count = 1) Name	Innut Value		
	Input Value		
Add2_GetPhsBCurr_Cnt_u16_m	753		
Adc2_GetPhsCCurr_Cnt_u16_m	554		
CDD_ADC2OffsetComp_Cnt_G_u8p8	20480		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1		
CDD_CDDDataAccessBfr_Cnt_G_u16	1		
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0120000001		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0030576		
CDD_DCPhsBComp_Cnt_G_u16p0	570		
CDD_DCPhsCComp_Cnt_G_u16p0	562		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	120.300003		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	145.300003		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0160000008		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0149999997		
CDD_MtrCurr1_Volts_G_f32[0]	2.00254798		
CDD_MtrCurr1_Volts_G_f32[1]	1.00254798		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0010000005		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0		
CDD_MtrCurr2_Volts_G_f32[0]	1.00254798		
CDD_MtrCurr2_Volts_G_f32[1]	2.00254798		
CDD_MtrCurrDax_Amp_G_f32[0]	-140.002548		
CDD_MtrCurrDax_Amp_G_f32[1]	63.0025482		
CDD_MtrCurrK1_Amps_G_f32[0]	-200.002548		
CDD_MtrCurrK1_Amps_G_f32[1]	198.002548		
CDD_MtrCurrK2_Amps_G_f32[0]	-140.002548		
CDD_MtrCurrK2_Amps_G_f32[1]	63.0025482		
CDD_MtrCurrQax_Amp_G_f32[0]	-160.002548		
CDD_MtrCurrQax_Amp_G_f32[1]	120.002548		
CDD_MtrElecPol_Cnt_G_s8	1		
CDD_Vecu_Volt_G_f32[0]	16.3199997		
CDD_Vecu_Volt_G_f32[1]	15.5799999		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	2.90000007e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	6.3999998e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	6226		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	1000		
k_MtrPosComputDelay_Sec_f32	0.000169999999		
k_NoofPoles_Uls_f32	2.15225244		
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	0.0120000001 ± 0.0000152587890625	Rooul
CDD CorrMtrPosElec Rev G f32[1]	0.0158996582	0.0158996582 ± 0.0000152587890625	
000_00nii 00E100_104_0_10E[1]	0.0265813954	0.0265813936 ± 0.0000152587890625	





Name	Actual Value	Expected Value	Result
CDD_MtrCurr1_Volts_G_f32[0]	2.00254798	2.00254798 ± 32	~
CDD_MtrCurr1_Volts_G_f32[1]	0.821733832	0.821733832 ± 32	~
CDD_MtrCurr2_Volts_G_f32[0]	1.00254798	1.00254798 ± 32	~
CDD_MtrCurr2_Volts_G_f32[1]	0.578754604	0.578754604 ± 32	~
CDD_MtrCurrDax_Amp_G_f32[0]	-140.002548	-140.002548 ± 0.03	~
CDD_MtrCurrDax_Amp_G_f32[1]	157.310852	157.310837 ± 0.03	~
CDD_MtrCurrK1_Amps_G_f32[0]	-200.002548	-200.002548 ± 32	~
CDD_MtrCurrK1_Amps_G_f32[1]	150.038971	150.038971 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-140.002548	-140.002548 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[1]	80.4131012	80.4131012 ± 32	~
CDD_MtrCurrQax_Amp_G_f32[0]	-160.002548	-160.002548 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	-65.0481186	-65.0481186 ± 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	615		
CDD DCPhsCComp Cnt G u16p0	596		
CDD MRFMtrVel MtrRadpS G f32[0]	122.324997		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	148.324997		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0149999997		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.01499999997		
	0.00280279992		
CDD_MtrCurr1_Volts_G_f32[0]	4.00280279992		
CDD_MtrCurr1_Volts_G_f32[1]	0		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]			
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0010000005		
CDD_MtrCurr2_Volts_G_f32[0]	0.00280279992 4.00280285		
CDD_MtrCurr2_Volts_G_f32[1]			
CDD_MtrCurrDax_Amp_G_f32[0]	-120.0028 25.0028019		
CDD_MtrCurrDax_Amp_G_f32[1]			
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		
C_MtrCurrOffLoComOff_Cnt_u16	1050		
C_MtrPosComputDelay_Sec_f32	0.000180000003		
_NoofPoles_Uls_f32	3.97869086		
gt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.3999998		
gt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	125		
gt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	113.324997		
gt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.33999991		
gt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Res
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0206451416	0.0206451416 ± 0.0000152587890625	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00331240008	0.00331240008 ± 0.0000152587890625	
CDD_ElecPosDelayComp_Rad_G_f32	0.0438024029	0.0438024029 ± 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]	187.953598	187.953583 ± 0.03	
CDD_MtrCurrDax_Amp_G_f32[1]	25.0028019	25.0028019 ± 0.03	
CDD_MtrCurrK1_Amps_G_f32[0]	182.001999	182.001999 ± 32	
CDD MtrCurrK1 Amps G f32[1]	125.0028	125.0028 ± 32	
CDD_MtrCurrK2_Amps_G_f32[0]	57.8311768	57.8311768 ± 32	
CDD_MtrCurrK2_Amps_G_f32[1]	25.0028019	25.0028019 ± 32	

2016-07-24, 13:53:17+0530



CurrDQPer1

Name	Actual Value	Expected Value	Result
CDD_MtrCurrQax_Amp_G_f32[0]	-33.8026619	-33.8026619 ± 0.03	~
CDD MtrCurrQax Amp G f32[1]	63.0028038	63.0028038 ± 0.03	<b>✓</b>

Test Step 2.14 (Repeat Count = 1)			<b>✓</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	660		
CDD_DCPhsCComp_Cnt_G_u16p0	630		
CDD MRFMtrVel MtrRadpS G f32[0]	120.349998		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	146.350006		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0140000004		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0130000003		
CDD_MtrCurr1_Volts_G_f32[0]	1.0030576		
CDD_MtrCurr1_Volts_G_f32[1]	2.00305772		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.00100000005		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.00200000009		
CDD_MtrCurr2_Volts_G_f32[0]	1.0030576		
CDD_MtrCurr2_Volts_G_f32[1]	2.00305772		
CDD_MtrCurrDax_Amp_G_f32[0]	-200.003052		
CDD_MtrCurrDax_Amp_G_f32[1]	198.003052		
CDD_MtrCurrK1_Amps_G_f32[0]	-160.003052		
CDD_MtrCurrK1_Amps_G_f32[1]	120.003059		
CDD_MtrCurrK2_Amps_G_f32[0]	-200.003052		
CDD_MtrCurrK2_Amps_G_f32[1]	198.003052		
CDD_MtrCurrQax_Amp_G_f32[0]	-120.003059		
CDD_MtrCurrQax_Amp_G_f32[1]	25.0030575		
CDD_MtrElecPol_Cnt_G_s8	1		
CDD_Vecu_Volt_G_f32[0]	18.3400002		
CDD_Vecu_Volt_G_f32[1]	17.6000004		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	0		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	6.60000005e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	6488		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	0.000190000006		
k_MtrPosComputDelay_Sec_f32	2.43344188		
k_NoofPoles_Uls_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.5		
tgt Pim ShCurrCal.EOLPhscurr1Gain AmpspVolt f32	65.3499985		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	117.349998		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.34100008		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0140000004	0.0140000004 ± 0.0000152587890625	Result
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0210571289	0.0210571289 ± 0.0000152587890625	
CDD_ElecPosDelayComp_Rad_G_f32	0.0338327549	0.0338327549 ± 0.0000152587890625	-
CDD_MtrCurr1_Volts_G_f32[0]	1.0030576	1.0030576 ± 32	-
CDD_MtrCurr1_Volts_G_f32[1]	0.841269851	0.841269851 ± 32	-
CDD_MtrCurr2_Volts_G_f32[0]	1.0030576	1.0030576 ± 32	<b>V</b>
CDD_MtrCurr2_Volts_G_f32[1]	0.588522613	0.588522613 ± 32	-
CDD MtrCurrDax Amp G f32[0]	-200.003052	-200.003052 ± 0.03	•
CDD_MtrCurrDax_Amp_G_f32[1]	189.998276	189.998276 ± 0.03	-
CDD MtrCurrK1 Amps G f32[0]	-160.003052	-160.003052 ± 32	•
CDD_MtrCurrK1_Amps_G_f32[1]	184.018921	184.018921 ± 32	-
CDD_MtrCurrK2_Amps_G_f32[0]	-200.003052	-200.003052 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[1]	57.5167542	57.5167656 ± 32	-
CDD_MtrCurrQax_Amp_G_f32[0]	-120.003059	-120.003059 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	-32.738266	-32.7382774 ± 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		
	0		
CDD_CDDDataAccessBfr_Cnt_G_u16 CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0149999997		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.003822		
CDD_DCPhsBComp_Cnt_G_u16p0	705		
CDD_DCPhsCComp_Cnt_G_u16p0	664		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	122.449997		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	149.449997		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0130000003		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0120000001		
CDD_MtrCurr1_Volts_G_f32[0]	0.00178359996		
CDD_MtrCurr1_Volts_G_f32[1]	2.00178361		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.00200000009		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0030000003		
CDD_MtrCurr2_Volts_G_f32[0]	0.00178359996		
CDD_MtrCurr2_Volts_G_f32[1]	1.00178361		
CDD_MtrCurrDax_Amp_G_f32[0]	-180.003311		
CDD_MtrCurrDax_Amp_G_f32[1]	125.003311		
CDD_MtrCurrK1_Amps_G_f32[0]	-140.003311		
CDD_MtrCurrK1_Amps_G_f32[1]	63.0033112		
CDD_MtrCurrK2_Amps_G_f32[0]	-180.003311		
CDD_MtrCurrK2_Amps_G_f32[1]	125.003311		
CDD_MtrCurrQax_Amp_G_f32[0]	-200.003311		
CDD_MtrCurrQax_Amp_G_f32[1]	198.003311		
CDD_MtrElecPol_Cnt_G_s8	1		
CDD_Vecu_Volt_G_f32[0]	19.3500004		
CDD_Vecu_Volt_G_f32[1]	18.6100006		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	5.50000004e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	6.70000009e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	6619		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	1150		
k_MtrPosComputDelay_Sec_f32	0.00019999995		
k_NoofPoles_Uls_f32	2.01812696		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.60000002		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	68.375		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	20		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.34200001		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0216064453	0.0216064453 ± 0.0000152587890625	<b>~</b>
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.003822	0.003822 ± 0.0000152587890625	<b>✓</b>
CDD_ElecPosDelayComp_Rad_G_f32	0.0247119647	0.0247119628 ± 0.0000152587890625	<b>✓</b>
CDD MtrCurr1 Volts G f32[0]	0.85103786	0.85103786 ± 32	<b>✓</b>
CDD_MtrCurr1_Volts_G_f32[1]	2.00178361	2.00178361 ± 32	<b>✓</b>
CDD_MtrCurr2_Volts_G_f32[0]	0.593406618	0.593406618 ± 32	<b>✓</b>
CDD_MtrCurr2_Volts_G_f32[1]	1.00178361	1.00178361 ± 32	-
CDD_MtrCurrDax_Amp_G_f32[0]	40.3280754	40.3280678 ± 0.03	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[1]	125.003311	125.003311 ± 0.03	~
CDD MtrCurrK1 Amps G f32[0]	40.349987	40.3499832 ± 32	•
CDD_MtrCurrK1_Amps_G_f32[1]	63.0033112	63.0033112 ± 32	-
CDD_MtrCurrK2_Amps_G_f32[0]	2.58119369	2.58119249 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[1]	125.003311	125.003311 ± 32	-
CDD_MtrCurrQax_Amp_G_f32[0]	2.90355015	2.90355062 ± 0.03	•
CDD_MtrCurrQax_Amp_G_f32[1]	198.003311	198.003311 ± 0.03	

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





Name	Input Value		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0109999999		
CDD_MtrCurr1_Volts_G_f32[0]	2.00356722		
CDD_MtrCurr1_Volts_G_f32[1]	1.00356722		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.0030000003		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0040000019		
CDD_MtrCurr2_Volts_G_f32[0]	1.00356722		
CDD_MtrCurr2_Volts_G_f32[1]	2.00356722		
CDD_MtrCurrDax_Amp_G_f32[0]	-160.003571		
CDD_MtrCurrDax_Amp_G_f32[1]	120.003571		
CDD_MtrCurrK1_Amps_G_f32[0]	-120.003571		
CDD_MtrCurrK1_Amps_G_f32[1]	25.0035667		
CDD_MtrCurrK2_Amps_G_f32[0]	-160.003571		
CDD_MtrCurrK2_Amps_G_f32[1]	120.003571		
CDD_MtrCurrQax_Amp_G_f32[0]	-180.003571		
CDD_MtrCurrQax_Amp_G_f32[1]	125.003571		
CDD_MtrElecPol_Cnt_G_s8	1		
CDD_Vecu_Volt_G_f32[0]	20.3600006		
CDD_Vecu_Volt_G_f32[1]	19.6200008		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	5.60000008e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	6.80000012e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	6750		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	1200		
k_MtrPosComputDelay_Sec_f32	2.49999994e-005		
k_NoofPoles_Uls_f32	5.4423542		
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	Resul
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0160000008	0.0160000008 ± 0.0000152587890625	•
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.021270752	0.021270752 ± 0.0000152587890625	•
CDD_ElecPosDelayComp_Rad_G_f32	0.0100326398	0.0100326398 ± 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]	165.218307	165.218307 ± 0.03	•
CDD_MtrCurrK1_Amps_G_f32[0]	-120.003571	-120.003571 ± 32	•
CDD_MtrCurrK1_Amps_G_f32[1]	158.033768	158.033768 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[0]	-160.003571	-160.003571 ± 32	
CDD_MtrCurrK2_Amps_G_f32[1]	64.4937286	64.4937286 ± 32	•
CDD_MtrCurrQax_Amp_G_f32[0]	-180.003571	-180.003571 ± 0.03	•
CDD_MtrCurrQax_Amp_G_f32[1]	-42.860508	-42.860508 ± 0.03	

Test Step 2.17 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	833
Adc2_GetPhsCCurr_Cnt_u16_m	614
CDD_ADC2OffsetComp_Cnt_G_u8p8	30720
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0170000009
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00433159992
CDD_DCPhsBComp_Cnt_G_u16p0	795
CDD_DCPhsCComp_Cnt_G_u16p0	732
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	122.5
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	150.5
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0109999999
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.00100000005
CDD_MtrCurr1_Volts_G_f32[0]	0.003822
CDD_MtrCurr1_Volts_G_f32[1]	2.00382209
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.00400000019
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.00499999989
CDD_MtrCurr2_Volts_G_f32[0]	0.003822
CDD_MtrCurr2_Volts_G_f32[1]	1.00382197
CDD_MtrCurrDax_Amp_G_f32[0]	-140.003815
CDD_MtrCurrDax_Amp_G_f32[1]	63.0038223
CDD_MtrCurrK1_Amps_G_f32[0]	-200.003815

CurrDQPer1



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	6.9000015e-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	2.5999997e-005		
k_NoofPoles_Uls_f32	4.1064229		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.7999995		
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]	0.0227050781	0.0227050781 ± 0.0000152587890625	-
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00433159992	0.00433159992 ± 0.0000152587890625	•
CDD_ElecPosDelayComp_Rad_G_f32	0.00653947843	0.00653947843 ± 0.0000152587890625	-
CDD_MtrCurr1_Volts_G_f32[0]	0.870573878	0.870573878 ± 32	•
CDD_MtrCurr1_Volts_G_f32[1]	2.00382209	2.00382209 ± 32	-
CDD_MtrCurr2_Volts_G_f32[0]	0.603174627	0.603174627 ± 32	•
CDD_MtrCurr2_Volts_G_f32[1]	1.00382197	1.00382197 ± 32	-
CDD_MtrCurrDax_Amp_G_f32[0]	92.0821838	92.0821838 ± 0.03	•
CDD_MtrCurrDax_Amp_G_f32[1]	63.0038223	63.0038223 ± 0.03	-
CDD_MtrCurrK1_Amps_G_f32[0]	89.831604	89.831604 ± 32	•
CDD_MtrCurrK1_Amps_G_f32[1]	198.003815	198.003815 ± 32	-
CDD_MtrCurrK2_Amps_G_f32[0]	22.2480202	22.2480202 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[1]	63.0038223	63.0038223 ± 32	-
CDD_MtrCurrQax_Amp_G_f32[0]	-9.25003815	-9.25003815 ± 0.03	•
CDD_MtrCurrQax_Amp_G_f32[1]	120.003822	120.003822 ± 0.03	-

Name	Input Value	
Adc2_GetPhsBCurr_Cnt_u16_m	849	
Adc2_GetPhsCCurr_Cnt_u16_m	626	
CDD_ADC2OffsetComp_Cnt_G_u8p8	32768	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1	
CDD_CDDDataAccessBfr_Cnt_G_u16	1	
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0179999992	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0045864	
CDD_DCPhsBComp_Cnt_G_u16p0	840	
CDD_DCPhsCComp_Cnt_G_u16p0	766	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-1118	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	-1118	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0010000005	
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	

CurrDQPer1

 $CDD\_MtrCurrDax\_Amp\_G\_f32[1]$ 

CDD\_MtrCurrK1\_Amps\_G\_f32[0]

CDD\_MtrCurrK1\_Amps\_G\_f32[1]

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

CDD\_MtrCurrK2\_Amps\_G\_f32[1]

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

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

2016-07-24, 13:53:17+0530



 $68.4058533 \pm 0.03$ 

-180.004074 ± 32

68.3455887 ± 32

-120.004074 ± 32

3.71040177 ± 32

-140.004074 ± 0.03

2.35078979 ± 0.03

Name Input Value MtrPos\_CorrectedMtrPos\_Rev\_G\_u0p16 7012 Rte\_Inst\_Sa\_CmMtrCurr tgt\_Rte\_Inst\_Sa\_CmMtrCurr k MtrCurrOffLoComOff\_Cnt\_u16 1300 k\_MtrPosComputDelay\_Sec\_f32 2.7e-005 k NoofPoles Uls f32 3.98144245  $tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32$ 1.89999998 tgt\_Pim\_ShCurrCal.EOLPhscurr1Gain\_AmpspVolt\_f32 71.4499969  $tgt\_Pim\_ShCurrCal.EOLPhscurr2Gain\_AmpspVolt\_f32$ 21.4500008 tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetLo\_Volts\_f32 2.34500003 tgt\_Pim\_ShCurrCal  $tgt\_Rte\_Inst\_Sa\_CmMtrCurr.Pim\_ShCurrCal$ Actual Value **Expected Value** Result Name CDD\_CorrMtrPosElec\_Rev\_G\_f32[0] 0.0179999992  $0.0179999992 \pm 0.0000152587890625$ CDD\_CorrMtrPosElec\_Rev\_G\_f32[1] 0.0140991211 0.0140991211 ± 0.0000152587890625 CDD\_ElecPosDelayComp\_Rad\_G\_f32 -0.060091909 -0.0600919127 ± 0.0000152587890625 CDD\_MtrCurr1\_Volts\_G\_f32[0] 4 00407696 4.00407696 ± 32 CDD\_MtrCurr1\_Volts\_G\_f32[1] 0.880341887 0.880341887 ± 32 CDD\_MtrCurr2\_Volts\_G\_f32[0] 4.00407696 ± 32 4.00407696 CDD\_MtrCurr2\_Volts\_G\_f32[1] 0.608058631 0.608058631 ± 32 CDD\_MtrCurrDax\_Amp\_G\_f32[0] -120.004074 -120.004074 ± 0.03

68.4058456

-180.004074

68.3455811

-120.004074

3.71039963

-140.004074

2.35079122





Name	
Adc2_GetPhsCCurr_Cnt_u16_m       638         CDD_ADC2OffsetComp_Cnt_G_u8p8       34816         CDD_AppDataFwdPthAccessBfr_Cnt_G_u16       0         CDD_CDDDataAccessBfr_Cnt_G_u16       0         CDD_CorrMtrPosElec_Rev_G_f32[0]       0.0189999994         CDD_CorrMtrPosElec_Rev_G_f32[1]       0.00484120008         CDD_DCPhsBComp_Cnt_G_u16p0       0         CDD_DCPhsBComp_Cnt_G_u16p0       800         CDD_MRFMtrVel_MtrRadpS_G_f32[0]       1118         CDD_MRFMtrVel_MtrRadpS_G_f32[1]       1118         CDD_MtrCurr1TempOffset_Volt_G_f32[0]       -0.0089999961         CDD_MtrCurr1TempOffset_Volt_G_f32[1]       -0.00800000038         CDD_MtrCurr1_Volts_G_f32[0]       2.00433159         CDD_MtrCurr1_Volts_G_f32[1]       1.00433159         CDD_MtrCurr2TempOffset_Volt_G_f32[0]       0.0060000005         CDD_MtrCurr2TempOffset_Volt_G_f32[1]       0.00700000022	
CDD_ADC2OffsetComp_Cnt_G_u8p8       34816         CDD_AppDataFwdPthAccessBfr_Cnt_G_u16       0         CDD_CDDDataAccessBfr_Cnt_G_u16       0         CDD_CorrMtrPosElec_Rev_G_f32[0]       0.0189999994         CDD_CorrMtrPosElec_Rev_G_f32[1]       0.00484120008         CDD_DCPhsBComp_Cnt_G_u16p0       0         CDD_DCPhsCComp_Cnt_G_u16p0       800         CDD_MRFMtrVel_MtrRadpS_G_f32[0]       1118         CDD_MRFMtrVel_MtrRadpS_G_f32[1]       1118         CDD_MtrCurr1TempOffset_Volt_G_f32[0]       -0.00899999961         CDD_MtrCurr1TempOffset_Volt_G_f32[1]       -0.00800000038         CDD_MtrCurr1_Volts_G_f32[0]       2.00433159         CDD_MtrCurr1_Volts_G_f32[1]       1.00433159         CDD_MtrCurr2TempOffset_Volt_G_f32[0]       0.0060000005         CDD_MtrCurr2TempOffset_Volt_G_f32[1]       0.0060000002	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16       0         CDD_CDDDataAccessBfr_Cnt_G_u16       0         CDD_CorrMtrPosElec_Rev_G_f32[0]       0.0189999994         CDD_CorrMtrPosElec_Rev_G_f32[1]       0.00484120008         CDD_DCPhsBComp_Cnt_G_u16p0       0         CDD_DCPhsCComp_Cnt_G_u16p0       800         CDD_MRFMtrVel_MtrRadpS_G_f32[0]       1118         CDD_MRFMtrVel_MtrRadpS_G_f32[1]       1118         CDD_MtrCurr1TempOffset_Volt_G_f32[0]       -0.00899999961         CDD_MtrCurr1TempOffset_Volt_G_f32[1]       -0.00800000038         CDD_MtrCurr1_Volts_G_f32[0]       2.00433159         CDD_MtrCurr1_Volts_G_f32[1]       1.00433159         CDD_MtrCurr2TempOffset_Volt_G_f32[0]       0.00600000005         CDD_MtrCurr2TempOffset_Volt_G_f32[1]       0.00700000022	
CDD_CDDDataAccessBfr_Cnt_G_u16       0         CDD_CorrMtrPosElec_Rev_G_f32[0]       0.0189999994         CDD_CorrMtrPosElec_Rev_G_f32[1]       0.00484120008         CDD_DCPhsBComp_Cnt_G_u16p0       0         CDD_DCPhsCComp_Cnt_G_u16p0       800         CDD_MRFMtrVel_MtrRadpS_G_f32[0]       1118         CDD_MRFMtrVel_MtrRadpS_G_f32[1]       1118         CDD_MtrCurr1TempOffset_Volt_G_f32[0]       -0.00899999961         CDD_MtrCurr1TempOffset_Volt_G_f32[1]       -0.00800000038         CDD_MtrCurr1_Volts_G_f32[0]       2.00433159         CDD_MtrCurr1_Volts_G_f32[1]       1.00433159         CDD_MtrCurr2TempOffset_Volt_G_f32[0]       0.00600000005         CDD_MtrCurr2TempOffset_Volt_G_f32[1]       0.00700000022	
CDD_CorrMtrPosElec_Rev_G_f32[0]       0.0189999994         CDD_CorrMtrPosElec_Rev_G_f32[1]       0.00484120008         CDD_DCPhsBComp_Cnt_G_u16p0       0         CDD_DCPhsCComp_Cnt_G_u16p0       800         CDD_MRFMtrVel_MtrRadpS_G_f32[0]       1118         CDD_MRFMtrVel_MtrRadpS_G_f32[1]       1118         CDD_MtrCurr1TempOffset_Volt_G_f32[0]       -0.00899999961         CDD_MtrCurr1TempOffset_Volt_G_f32[1]       -0.00800000038         CDD_MtrCurr1_Volts_G_f32[0]       2.00433159         CDD_MtrCurr1_Volts_G_f32[1]       1.00433159         CDD_MtrCurr2TempOffset_Volt_G_f32[0]       0.00600000005         CDD_MtrCurr2TempOffset_Volt_G_f32[1]       0.00700000022	
CDD_CorrMtrPosElec_Rev_G_f32[1]       0.00484120008         CDD_DCPhsBComp_Cnt_G_u16p0       0         CDD_DCPhsCComp_Cnt_G_u16p0       800         CDD_MRFMtrVel_MtrRadpS_G_f32[0]       1118         CDD_MRFMtrVel_MtrRadpS_G_f32[1]       1118         CDD_MtrCurr1TempOffset_Volt_G_f32[0]       -0.00899999961         CDD_MtrCurr1TempOffset_Volt_G_f32[1]       -0.00800000038         CDD_MtrCurr1_Volts_G_f32[0]       2.00433159         CDD_MtrCurr1_Volts_G_f32[1]       1.00433159         CDD_MtrCurr2TempOffset_Volt_G_f32[0]       0.00600000005         CDD_MtrCurr2TempOffset_Volt_G_f32[1]       0.00700000022	
CDD_DCPhsBComp_Cnt_G_u16p0       0         CDD_DCPhsCComp_Cnt_G_u16p0       800         CDD_MRFMtrVel_MtrRadpS_G_i32[0]       1118         CDD_MRFMtrVel_MtrRadpS_G_i32[1]       1118         CDD_MtrCurr1TempOffset_Volt_G_i32[0]       -0.00899999961         CDD_MtrCurr1TempOffset_Volt_G_i32[1]       -0.00800000038         CDD_MtrCurr1_Volts_G_i32[0]       2.00433159         CDD_MtrCurr1_Volts_G_i32[1]       1.00433159         CDD_MtrCurr2TempOffset_Volt_G_i32[0]       0.00600000005         CDD_MtrCurr2TempOffset_Volt_G_i32[1]       0.00700000022	
CDD_DCPhsCComp_Cnt_G_u16p0       800         CDD_MRFMtrVel_MtrRadpS_G_f32[0]       1118         CDD_MRFMtrVel_MtrRadpS_G_f32[1]       1118         CDD_MtrCurr1TempOffset_Volt_G_f32[0]       -0.00899999961         CDD_MtrCurr1TempOffset_Volt_G_f32[1]       -0.00800000038         CDD_MtrCurr1_Volts_G_f32[0]       2.00433159         CDD_MtrCurr1_Volts_G_f32[1]       1.00433159         CDD_MtrCurr2TempOffset_Volt_G_f32[0]       0.00600000005         CDD_MtrCurr2TempOffset_Volt_G_f32[1]       0.00700000022	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]       1118         CDD_MRFMtrVel_MtrRadpS_G_f32[1]       1118         CDD_MtrCurr1TempOffset_Volt_G_f32[0]       -0.00899999961         CDD_MtrCurr1TempOffset_Volt_G_f32[1]       -0.00800000038         CDD_MtrCurr1_Volts_G_f32[0]       2.00433159         CDD_MtrCurr1_Volts_G_f32[1]       1.00433159         CDD_MtrCurr2TempOffset_Volt_G_f32[0]       0.00600000005         CDD_MtrCurr2TempOffset_Volt_G_f32[1]       0.00700000022	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]       1118         CDD_MtrCurr1TempOffset_Volt_G_f32[0]       -0.00899999961         CDD_MtrCurr1TempOffset_Volt_G_f32[1]       -0.00800000038         CDD_MtrCurr1_Volts_G_f32[0]       2.00433159         CDD_MtrCurr1_Volts_G_f32[1]       1.00433159         CDD_MtrCurr2TempOffset_Volt_G_f32[0]       0.00600000005         CDD_MtrCurr2TempOffset_Volt_G_f32[1]       0.00700000022	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]       -0.00899999961         CDD_MtrCurr1TempOffset_Volt_G_f32[1]       -0.00800000038         CDD_MtrCurr1_Volts_G_f32[0]       2.00433159         CDD_MtrCurr1_Volts_G_f32[1]       1.00433159         CDD_MtrCurr2TempOffset_Volt_G_f32[0]       0.00600000005         CDD_MtrCurr2TempOffset_Volt_G_f32[1]       0.00700000022	
CDD_MtrCurr1TempOffset_Volt_G_f32[1]       -0.00800000038         CDD_MtrCurr1_Volts_G_f32[0]       2.00433159         CDD_MtrCurr1_Volts_G_f32[1]       1.00433159         CDD_MtrCurr2TempOffset_Volt_G_f32[0]       0.00600000005         CDD_MtrCurr2TempOffset_Volt_G_f32[1]       0.00700000022	
CDD_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_MtrCurr1_Volts_G_f32[1]       1.00433159         CDD_MtrCurr2TempOffset_Volt_G_f32[0]       0.00600000005         CDD_MtrCurr2TempOffset_Volt_G_f32[1]       0.00700000022	
CDD_MtrCurr2TempOffset_Volt_G_f32[0]         0.00600000005           CDD_MtrCurr2TempOffset_Volt_G_f32[1]         0.00700000022	
CDD_MtrCurr2TempOffset_Volt_G_f32[1]         0.00700000022	
CDD MtrCurr2 Volts G t32(0) 2 (00233159	
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_MillCull R2_Milps_G_132[1] 198.004333  CDD_MtrCurrQax_Amp_G_f32[0] -120.004333	
CDD_MtrCurrQax_Amp_G_f32[1] 25.0043316	
CDD_MtrElecPol_Cnt_G_s8 1	
CDD_Vecu_Volt_G_f32[0] 23.3899994	
CDD_vecu_Volt_G_f32[1] 22.6499996	
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32 5.90000018e-005	
CmMtrCurr MtrCurr2OffDelta VoltpVoltCnt M f32 2.09999998e-005	
MtrPos_CorrectedMtrPos_Rev_G_u0p16 7143	
Rte_Inst_Sa_CmMtrCurr tgt_Rte_Inst_Sa_CmMtrCurr	
k_MtrCurrOffLoComOff_Cnt_u16 1350	
k_MtrPosComputDelay_Sec_f32 2.8000004e-005	
k_NoofPoles_Uls_f32 3.30382323	
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 R	esult
CDD_CorrMtrPosElec_Rev_G_f32[0] 0.0338897705 0.0338897705 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1] 0.00484120008 0.00484120008 ± 0.0000152587890625	~
CDD_ElecPosDelayComp_Rad_G_f32 0.0517114401 0.0517114401 ± 0.0000152587890625	~
CDD_MtrCurr1_Volts_G_f32[0] 0.890109897 0.890109897 ± 32	~
CDD_MtrCurr1_Volts_G_f32[1] 1.00433159 1.00433159 ± 32	~
CDD_MtrCurr2_Volts_G_f32[0] 0.612942636 0.612942636 ± 32	~
CDD_MtrCurr2_Volts_G_f32[1] 1.00433159 1.00433159 ± 32	~
CDD_MtrCurrDax_Amp_G_[32[0] -9.33714676 -9.33714676 -9.33714676	~
CDD_MtrCurrDax_Amp_G_f32[1] 198.004333 198.004333 ± 0.03	~
CDD_MtrCurrK1_Amps_G_f32[0] -20.7523994 -20.7523994 ± 32	<b>~</b>
CDD_MtrCurrK1_Amps_G_f32[1] 120.004333 120.004333 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0] 51.7983398 51.798336 ± 32	✓
CDD_MtrCurrK2_Amps_G_f32[1] 198.004333 198.004333 ± 32	~
$\label{eq:cdf} \mbox{CDD\_MtrCurrQax\_Amp\_G\_f32[0]} \qquad -55.0140686 \qquad -55.0140648 \pm 0.03$	✓
CDD_MtrCurrQax_Amp_G_f32[1] 25.0043316 25.0043316 ± 0.03	~

Test Step 2.20 (Repeat Count = 1)	✓
Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	881
Adc2_GetPhsCCurr_Cnt_u16_m	650
CDD_ADC2OffsetComp_Cnt_G_u8p8	36864
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0199999996
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00509600015
CDD_DCPhsBComp_Cnt_G_u16p0	7150





Name	Input Value		
CDD_DCPhsCComp_Cnt_G_u16p0	834		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	0		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	0		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.00800000038		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.00700000022		
CDD_MtrCurr1_Volts_G_f32[0]	2.00458646		
CDD_MtrCurr1_Volts_G_f32[1]	1.00458646		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0250000004		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0240000002		
CDD_MtrCurr2_Volts_G_f32[0]	1.00458646		
CDD_MtrCurr2_Volts_G_f32[1]	2.00458646		
CDD_MtrCurrDax_Amp_G_f32[0]	-180.004593		
CDD_MtrCurrDax_Amp_G_f32[1]	125.004585		
CDD_MtrCurrK1_Amps_G_f32[0]	-140.004593		
CDD MtrCurrK1 Amps G f32[1]	63.0045853		
CDD MtrCurrK2 Amps G f32[0]	-180.004593		
CDD MtrCurrK2 Amps G f32[1]	125.004585		
CDD_MtrCurrQax_Amp_G_f32[0]	-200.004593		
CDD_MtrCurrQax_Amp_G_f32[1]	198.004593		
CDD_MtrElecPol_Cnt_G_s8	1		
CDD_Vecu_Volt_G_f32[0]	24.3999996		
CDD_Vecu_Volt_G_f32[1]	23.6599998		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	5.9999985e-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	2.9000007e-005		
k_NoofPoles_Uls_f32	4.80225563		
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	Result
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0276641846	0.0276641846 ± 0.0000152587890625	
CDD_ElecPosDelayComp_Rad_G_f32	0	0 ± 0.0000152587890625	
CDD_MtrCurr1_Volts_G_f32[0]	2.00458646	2.00458646 ± 32	
CDD_MtrCurr1_Volts_G_f32[1]	0.899877906	0.899877906 ± 32	
CDD_MtrCurr2 Volts G f32[0]	1.00458646	1.00458646 ± 32	
	0.617826641	0.617826641 ± 32	
CDD_MtrCurr2_Volts_G_f32[1]	-180.004593	-180.004593 ± 0.03	
CDD_MtrCurrDax_Amp_G_f32[0]	-180.004593 220	-180.004593 ± 0.03 220 ± 0.03	
CDD_MtrCurrlA_Amp_G_f32[1]	-140.004593	-140.004593 ± 32	
CDD_MtrCurrK1_Amps_G_f32[0]	-140.004593 723.622131	-140.004593 ± 32 723.622192 ± 32	
CDD_MtrCurrK1_Amps_G_f32[1]			
CDD_MtrCurrK2_Amps_G_f32[0]	-180.004593	-180.004593 ± 32	
CDD_MtrCurrK2_Amps_G_f32[1]	-376.249573	-376.249603 ± 32	
CDD_MtrCurrQax_Amp_G_f32[0]	-200.004593	-200.004593 ± 0.03	
CDD_MtrCurrQax_Amp_G_f32[1]	220	220 ± 0.03	

Test Step 2.21 (Repeat Count = 1)		<b>✓</b>
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]	0.020999997	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00535080023	
CDD_DCPhsBComp_Cnt_G_u16p0	370	
CDD_DCPhsCComp_Cnt_G_u16p0	868	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	255.524994	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	255.524994	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.00700000022	
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.00600000005	
CDD_MtrCurr1_Volts_G_f32[0]	0.00484120008	
CDD_MtrCurr1_Volts_G_f32[1]	4.00484133	
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0240000002	
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.023	
CDD_MtrCurr2_Volts_G_f32[0]	0.00484120008	

CurrDQPer1

2016-07-24, 13:53:17+0530



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 CDD\_Vecu\_Volt\_G\_f32[0] 25.4099998 CDD\_Vecu\_Volt\_G\_f32[1] 24.6700001 CmMtrCurr\_MtrCurr1OffDelta\_VoltpVoltCnt\_M\_f32 6.09999988e-005 2 30000005e-005 CmMtrCurr\_MtrCurr2OffDelta\_VoltpVoltCnt\_M\_f32 MtrPos\_CorrectedMtrPos\_Rev\_G\_u0p16 7406 Rte\_Inst\_Sa\_CmMtrCurr tgt\_Rte\_Inst\_Sa\_CmMtrCurr k\_MtrCurrOffLoComOff\_Cnt\_u16 1450 k\_MtrPosComputDelay\_Sec\_f32 2.7e-005 k\_NoofPoles\_Uls\_f32 5.30713034 tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32 1.89999998  $tgt\_Pim\_ShCurrCal.EOLPhscurr1Gain\_AmpspVolt\_f32$ 71.5250015 tgt\_Pim\_ShCurrCal.EOLPhscurr2Gain\_AmpspVolt\_f32 21.5249996 tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32 2.34500003 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.Pim\_ShCurrCal tgt\_Pim\_ShCurrCal **Actual Value Expected Value** Result CDD\_CorrMtrPosElec\_Rev\_G\_f32[0] 0.0325927734 ± 0.0000152587890625 0.0325927734 CDD\_CorrMtrPosElec\_Rev\_G\_f32[1] 0.00535080023 0.00535080023 ± 0.0000152587890625 CDD\_ElecPosDelayComp\_Rad\_G\_f32 0.0183074102 0.0183074102 ± 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] -10.5114031 -10.5114021 ± 0.03 120.004845 ± 0.03 CDD MtrCurrDax Amp G f32[1] 120.004845 CDD\_MtrCurrK1\_Amps\_G\_f32[0] -20.1650162 -20.1650162 ± 32 CDD\_MtrCurrK1\_Amps\_G\_f32[1] 25.0048409 25.0048409 ± 32 CDD\_MtrCurrK2\_Amps\_G\_f32[0] 45.3990097 45.3990097 ± 32 CDD\_MtrCurrK2\_Amps\_G\_f32[1] 120.004845 120.004845 ± 32 CDD\_MtrCurrQax\_Amp\_G\_f32[0] -48.5510902 ± 0.03 -48.5510941

Test Step 2.22 (Repeat Count = 1)		
Name	Input Value	
Adc2_GetPhsBCurr_Cnt_u16_m	913	
Adc2_GetPhsCCurr_Cnt_u16_m	674	
CDD_ADC2OffsetComp_Cnt_G_u8p8	40960	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1	
CDD_CDDDataAccessBfr_Cnt_G_u16	1	
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0219999999	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00560559984	
CDD_DCPhsBComp_Cnt_G_u16p0	12	
CDD_DCPhsCComp_Cnt_G_u16p0	0	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-625.549988	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	-625.549988	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.00600000005	
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.00499999989	
CDD_MtrCurr1_Volts_G_f32[0]	1.00509596	
CDD_MtrCurr1_Volts_G_f32[1]	2.00509596	
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.023	
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0219999999	
CDD_MtrCurr2_Volts_G_f32[0]	1.00509596	
CDD_MtrCurr2_Volts_G_f32[1]	2.00509596	
CDD_MtrCurrDax_Amp_G_f32[0]	-140.005096	
CDD_MtrCurrDax_Amp_G_f32[1]	63.0050964	
CDD_MtrCurrK1_Amps_G_f32[0]	-200.005096	
CDD_MtrCurrK1_Amps_G_f32[1]	198.005096	
CDD_MtrCurrK2_Amps_G_f32[0]	-140.005096	
CDD_MtrCurrK2_Amps_G_f32[1]	63.0050964	
CDD_MtrCurrQax_Amp_G_f32[0]	-160.005096	
CDD_MtrCurrQax_Amp_G_f32[1]	120.005096	
CDD_MtrElecPol_Cnt_G_s8	-1	

125.004845

125.004845 ± 0.03

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

CurrDQPer1

2016-07-24, 13:53:17+0530



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	2.10435843		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.0999999		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	73.5500031		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	25.5499992		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.34699988		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0219999999	0.0219999999 ± 0.0000152587890625	•
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.195297241	0.195297241 ± 0.0000152587890625	<b>✓</b>
CDD_ElecPosDelayComp_Rad_G_f32	-0.0190875307	-0.0190875307 ± 0.0000152587890625	<b>✓</b>
CDD_MtrCurr1_Volts_G_f32[0]	1.00509596	1.00509596 ± 32	<b>✓</b>
CDD_MtrCurr1_Volts_G_f32[1]	0.919413924	0.919413924 ± 32	<b>✓</b>
CDD_MtrCurr2_Volts_G_f32[0]	1.00509596	1.00509596 ± 32	~
CDD_MtrCurr2_Volts_G_f32[1]	0.62759465	0.62759465 ± 32	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[0]	-140.005096	-140.005096 ± 0.03	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[1]	-81.3805542	-81.3805542 ± 0.03	~
CDD_MtrCurrK1_Amps_G_f32[0]	-200.005096	-200.005096 ± 32	~
CDD_MtrCurrK1_Amps_G_f32[1]	-68.0372162	-68.0372238 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-140.005096	-140.005096 ± 32	<b>✓</b>
CDD_MtrCurrK2_Amps_G_f32[1]	-62.0845795	-62.0845833 ± 32	~
CDD_MtrCurrQax_Amp_G_f32[0]	-160.005096	-160.005096 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	-43.1365814	-43.1365776 ± 0.03	~

Name	Input Value
Adc2 GetPhsBCurr Cnt u16 m	929
Adc2_GetPhsCCurr_Cnt_u16_m	686
CDD ADC2OffsetComp Cnt G u8p8	43008
: :	0
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0
CDD_CDDDataAccessBfr_Cnt_G_u16	0.023
CDD_CorrMtrPosElec_Rev_G_f32[0]	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00586039992
CDD_DCPhsBComp_Cnt_G_u16p0	
CDD_DCPhsCComp_Cnt_G_u16p0	7150
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-52.5750008
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	65.5749969
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0049999989
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0040000019
CDD_MtrCurr1_Volts_G_f32[0]	2.00535083
CDD_MtrCurr1_Volts_G_f32[1]	1.00535083
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0219999999
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0209999997
CDD_MtrCurr2_Volts_G_f32[0]	2.00535083
CDD_MtrCurr2_Volts_G_f32[1]	1.00535083
CDD_MtrCurrDax_Amp_G_f32[0]	-120.005348
CDD_MtrCurrDax_Amp_G_f32[1]	25.0053501
CDD_MtrCurrK1_Amps_G_f32[0]	-180.005356
CDD_MtrCurrK1_Amps_G_f32[1]	125.005348
CDD_MtrCurrK2_Amps_G_f32[0]	-120.005348
CDD_MtrCurrK2_Amps_G_f32[1]	25.0053501
CDD_MtrCurrQax_Amp_G_f32[0]	-140.005356
CDD_MtrCurrQax_Amp_G_f32[1]	63.005352
CDD_MtrElecPol_Cnt_G_s8	-1
CDD_Vecu_Volt_G_f32[0]	27.4300003
CDD_Vecu_Volt_G_f32[1]	26.6900005
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	6.2999995e-005
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	2.49999994e-005
MtrPos_CorrectedMtrPos_Rev_G_u0p16	7668
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_MtrCurrOffLoComOff_Cnt_u16	510
k_MtrPosComputDelay_Sec_f32	2.9999992e-005
k_NoofPoles_Uls_f32	4.04976606
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	2.20000005

© Report created by TESSY V3.1.13, report template V2.1

2016-07-24, 13:53:17+0530



CurrDQPer1

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]	0.199829102	0.199829102 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00586039992	0.00586039992 ± 0.0000152587890625	<b>✓</b>
CDD_ElecPosDelayComp_Rad_G_f32	-0.00319374679	-0.00319374679 ± 0.0000152587890625	<b>~</b>
CDD_MtrCurr1_Volts_G_f32[0]	0.929181933	0.929181933 ± 32	<b>✓</b>
CDD_MtrCurr1_Volts_G_f32[1]	1.00535083	1.00535083 ± 32	<b>~</b>
CDD_MtrCurr2_Volts_G_f32[0]	0.632478654	0.632478654 ± 32	<b>✓</b>
CDD_MtrCurr2_Volts_G_f32[1]	1.00535083	1.00535083 ± 32	<b>~</b>
CDD_MtrCurrDax_Amp_G_f32[0]	-16.4065742	-16.4065762 ± 0.03	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[1]	25.0053501	25.0053501 ± 0.03	~
CDD_MtrCurrK1_Amps_G_f32[0]	201.060699	201.060684 ± 32	•
CDD_MtrCurrK1_Amps_G_f32[1]	125.005348	125.005348 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-82.8242874	-82.8242798 ± 32	<b>✓</b>
CDD_MtrCurrK2_Amps_G_f32[1]	25.0053501	25.0053501 ± 32	~
CDD_MtrCurrQax_Amp_G_f32[0]	216.831955	216.831924 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	63.005352	63.005352 ± 0.03	~

Nama	Innut Volus		
Name	Input Value		
Adc2_GetPhsBCurr_Cnt_u16_m	945		
Adc2_GetPhsCCurr_Cnt_u16_m	698		
CDD_ADC2OffsetComp_Cnt_G_u8p8	45056		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1		
CDD_CDDDataAccessBfr_Cnt_G_u16	1		
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0240000002		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0061152		
CDD_DCPhsBComp_Cnt_G_u16p0	100		
CDD_DCPhsCComp_Cnt_G_u16p0	370		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-44.5999985		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	72.5999985		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0040000019		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0030000003		
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]	-0.019999996		
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	2.59999997e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	7799		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	520		
k_MtrPosComputDelay_Sec_f32	3.0999996e-005		
k_NoofPoles_Uls_f32	3.28270912		
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	2.34899998		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resu
CDD CorrMtrPosElec Rev G f32[0]	0.0240000002	0.0240000002 ± 0.0000152587890625	11000
CDD CorrMtrPosElec Rev G f32[1]	0.0362701416	0.0362701416 ± 0.0000152587890625	
CDD ElecPosDelayComp Rad G f32	0.00369403255	0.00369403255 ± 0.0000152587890625	
CDD_MtrCurr1_Volts_G_f32[0]	2.0056057	2.0056057 ± 32	
CDD_MtrCurr1_Volts_G_f32[1]	0.938950002	0.938950002 ± 32	





Name	Actual Value	Expected Value	Result
CDD_MtrCurr2_Volts_G_f32[0]	1.00560558	1.00560558 ± 32	~
CDD_MtrCurr2_Volts_G_f32[1]	0.637362659	0.637362659 ± 32	~
CDD_MtrCurrDax_Amp_G_f32[0]	-200.0056	-200.0056 ± 0.03	~
CDD_MtrCurrDax_Amp_G_f32[1]	85.325676	85.325676 ± 0.03	~
CDD_MtrCurrK1_Amps_G_f32[0]	-160.0056	-160.0056 ± 32	~
CDD_MtrCurrK1_Amps_G_f32[1]	86.7462769	86.7462769 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-200.0056	-200.0056 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[1]	3.63944554	3.63944769 ± 32	~
CDD_MtrCurrQax_Amp_G_f32[0]	-120.005608	-120.005608 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	16.0527668	16.0527649 ± 0.03	~

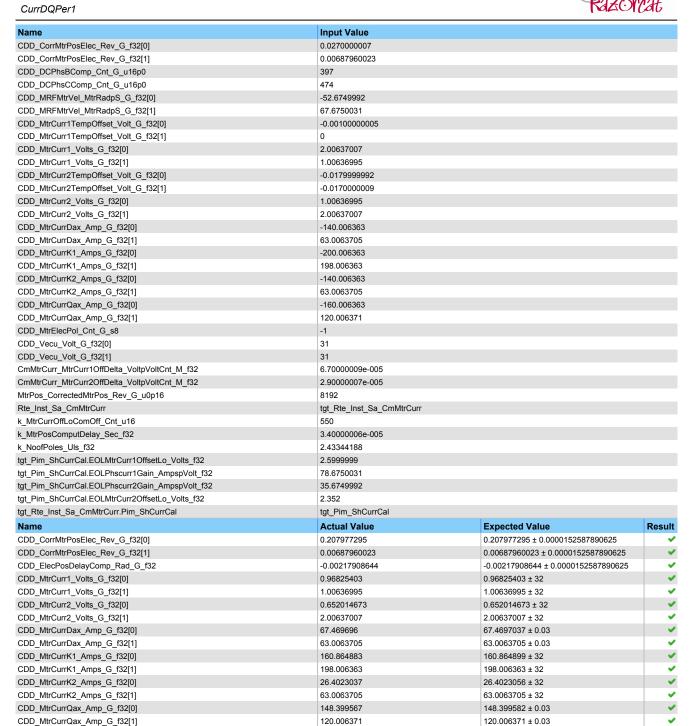
Test Step 2.25 (Repeat Count = 1)	Innut Value		
Name	Input Value		
Add2_GetPhsBCurr_Cnt_u16_m	961		
Adc2_GetPhsCCurr_Cnt_u16_m	710		
CDD_ADC2OffsetComp_Cnt_G_u8p8  CDD_ADC2OffsetComp_Cnt_G_u8p8	47104		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0		
CDD_CDDDataAccessBfr_Cnt_G_u16	0		
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0250000004		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00637000008		
CDD_DCPhsBComp_Cnt_G_u16p0	199		
CDD_DCPhsCComp_Cnt_G_u16p0	254		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-52.625		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	66.625		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.00300000003		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0020000009		
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]	-0.018999994		
CDD_MtrCurr2_Volts_G_f32[0]	0.00586039992		
CDD_MtrCurr2_Volts_G_f32[1]	1.00586045		
CDD_MtrCurrDax_Amp_G_f32[0]	-180.005859		
CDD_MtrCurrDax_Amp_G_f32[1]	125.005859		
CDD_MtrCurrK1_Amps_G_f32[0]	-140.005859		
CDD_MtrCurrK1_Amps_G_f32[1]	63.0058594		
CDD_MtrCurrK2_Amps_G_f32[0]	-180.005859		
CDD_MtrCurrK2_Amps_G_f32[1]	125.005859		
CDD_MtrCurrQax_Amp_G_f32[0]	-200.005859		
CDD_MtrCurrQax_Amp_G_f32[1]	198.005859		
CDD_MtrElecPol_Cnt_G_s8	1		
CDD_Vecu_Volt_G_f32[0]	5.48000002		
CDD_Vecu_Volt_G_f32[1]	31		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	6.50000002e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	2.7e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	7930		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	530		
k_MtrPosComputDelay_Sec_f32	3.1999999e-005		
k NoofPoles Uls f32	2.15225244		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	2.400001		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	76.625		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	31.625		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.3499999		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
		l=	I .
Name	Actual Value	Expected Value	Resul
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0373840332	0.0373840332 ± 0.0000152587890625	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00637000008	0.00637000008 ± 0.0000152587890625	•
CDD_ElecPosDelayComp_Rad_G_f32	-0.00181219657	-0.00181219657 ± 0.0000152587890625	<u> </u>
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]	143.095276	143.095276 ± 0.03	•
CDD_MtrCurrDax_Amp_G_f32[1]	125.005859	125.005859 ± 0.03	•
CDD_MtrCurrK1_Amps_G_f32[0]	154.024078	154.024078 ± 32	•
CDD_MtrCurrK1_Amps_G_f32[1]	63.0058594	63.0058594 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[0]	-28.7847214	-28.7847252 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[1]	125.005859	125.005859 ± 32	•
CDD_MtrCurrQax_Amp_G_f32[0]	63.841362	63.841362 ± 0.03	
CDD_MtrCurrQax_Amp_G_f32[1]	198.005859	198.005859 ± 0.03	



Test Step 2.26 (Repeat Count = 1)			~
Name	Input Value		
Adc2_GetPhsBCurr_Cnt_u16_m	977		
Adc2_GetPhsCCurr_Cnt_u16_m	722		
CDD_ADC2OffsetComp_Cnt_G_u8p8	49152		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1		
CDD_CDDDataAccessBfr_Cnt_G_u16	1		
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0260000005		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00662480015		
CDD_DCPhsBComp_Cnt_G_u16p0	298		
CDD_DCPhsCComp_Cnt_G_u16p0	364		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-44.6500015		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	73.6500015		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.00200000009		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.00100000005		
CDD_MtrCurr1_Volts_G_f32[0]	1.0061152		
CDD_MtrCurr1_Volts_G_f32[1]	2.0061152		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0189999994		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0179999992		
CDD_MtrCurr2_Volts_G_f32[0]	1.0061152 2.0061152		
CDD_MtrCurr2_Volts_G_f32[1]			
CDD_MtrCurrDax_Amp_G_f32[0] CDD_MtrCurrDax_Amp_G_f32[1]	-160.006119 120.006110		
CDD_MtrCurrlA Amp_G_f32[1]	120.006119		
CDD_MtrCurrK1_Amps_G_f32[0]	-120.006119		
CDD_MtrCurrK1_Amps_G_f32[1] CDD_MtrCurrK2_Amps_G_f32[0]	25.006115 -160.006119		
CDD_MtrCurrK2_Amps_G_f32[1]	120.006119		
CDD_MtrCurrQax_Amp_G_f32[0]	-180.006119		
CDD_MtrCurrQax_Amp_G_f32[1]	125.006119		
CDD_MtrElecPol_Cnt_G_s8	1		
CDD_Vecu_Volt_G_f32[0]	5		
CDD_vecu_volt_G_f32[1]	5		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	6.60000005e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	2.80000004e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	8061		
Rte_Inst_Sa_CmMtrCurr	tgt Rte Inst Sa CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	540		
k_MtrPosComputDelay_Sec_f32	3.30000003e-005		
k NoofPoles Uls f32	3.97869086		
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]	0.040435791	0.040435791 ± 0.0000152587890625	•
CDD_ElecPosDelayComp_Rad_G_f32	0.00483500445	0.00483500492 ± 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]	155.53801	155.537994 ± 0.03	•
CDD_MtrCurrK1_Amps_G_f32[0]	-120.006119	-120.006119 ± 32	•
CDD_MtrCurrK1_Amps_G_f32[1]	169.32016	169.32016 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[0]	-160.006119	-160.006119 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[1]	-33.2088356	-33.2088394 ± 32	•
CDD_MtrCurrQax_Amp_G_f32[0]	-180.006119	-180.006119 ± 0.03	•
	74.6999054	74.6998978 ± 0.03	

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	





Test Step 2.28 (Repeat Count = 1)		<b>~</b>
Name	Input Value	
Adc2_GetPhsBCurr_Cnt_u16_m	1009	
Adc2_GetPhsCCurr_Cnt_u16_m	746	
CDD_ADC2OffsetComp_Cnt_G_u8p8	53248	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1	
CDD_CDDDataAccessBfr_Cnt_G_u16	1	
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0280000009	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00713439984	
CDD_DCPhsBComp_Cnt_G_u16p0	496	
CDD_DCPhsCComp_Cnt_G_u16p0	584	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-44.7000008	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	74.6999969	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0	
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.00100000005	
CDD_MtrCurr1_Volts_G_f32[0]	2.0066247	
CDD_MtrCurr1_Volts_G_f32[1]	1.00662482	





Name	Input Value		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0170000009		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0160000008		
CDD_MtrCurr2_Volts_G_f32[0]	1.00662482		
CDD_MtrCurr2_Volts_G_f32[1]	2.0066247		
CDD_MtrCurrDax_Amp_G_f32[0]	-120.006622		
CDD_MtrCurrDax_Amp_G_f32[1]	25.0066242		
CDD_MtrCurrK1_Amps_G_f32[0]	-180.006622		
CDD_MtrCurrK1_Amps_G_f32[1]	125.006622		
CDD_MtrCurrK2_Amps_G_f32[0]	-120.006622		
CDD_MtrCurrK2_Amps_G_f32[1]	25.0066242		
CDD_MtrCurrQax_Amp_G_f32[0]	-140.006622		
CDD_MtrCurrQax_Amp_G_f32[1]	63.0066261		
CDD_MtrElecPol_Cnt_G_s8	-1		
CDD_Vecu_Volt_G_f32[0]	15.5		
CDD_Vecu_Volt_G_f32[1]	15.5		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	6.80000012e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	2.9999992e-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	2.01812696		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.7000005		
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]	0.210754395	0.210754395 ± 0.0000152587890625	<b>✓</b>
CDD_ElecPosDelayComp_Rad_G_f32	0.00263819634	0.00263819634 ± 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	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[1]	85.9465103	85.9465179 ± 0.03	-
CDD_MtrCurrK1_Amps_G_f32[0]	-180.006622	-180.006622 ± 32	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[1]	195.705627	195.705658 ± 32	-
CDD_MtrCurrK2_Amps_G_f32[0]	-120.006622	-120.006622 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[1]	39.3663445	39.3663483 ± 32	-
CDD_MtrCurrQax_Amp_G_f32[0]	-140.006622	-140.006622 ± 0.03	-
CDD MtrCurrQax Amp G f32[1]	180.17659	180.176605 ± 0.03	-

Test Step 2.29 (Repeat Count = 1)	🗸
Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	0
Adc2_GetPhsCCurr_Cnt_u16_m	518
CDD_ADC2OffsetComp_Cnt_G_u8p8	55296
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.00899999961
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0022932
CDD_DCPhsBComp_Cnt_G_u16p0	595
CDD_DCPhsCComp_Cnt_G_u16p0	694
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	122.224998
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	146.225006
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.00100000005
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.00200000009
CDD_MtrCurr1_Volts_G_f32[0]	0.00687960023
CDD_MtrCurr1_Volts_G_f32[1]	2.00687957
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0160000008
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0149999997
CDD_MtrCurr2_Volts_G_f32[0]	0.00687960023
CDD_MtrCurr2_Volts_G_f32[1]	1.00687957
CDD_MtrCurrDax_Amp_G_f32[0]	-200.001785
CDD_MtrCurrDax_Amp_G_f32[1]	198.001785
CDD_MtrCurrK1_Amps_G_f32[0]	-160.001785
CDD_MtrCurrK1_Amps_G_f32[1]	120.001785
CDD_MtrCurrK2_Amps_G_f32[0]	-200.001785
CDD_MtrCurrK2_Amps_G_f32[1]	198.001785

CurrDQPer1

2016-07-24, 13:53:17+0530



Name	Input Value		
CDD_MtrCurrQax_Amp_G_f32[0]	-120.001785		
CDD_MtrCurrQax_Amp_G_f32[1]	25.0017834		
CDD_MtrElecPol_Cnt_G_s8	1		
CDD_Vecu_Volt_G_f32[0]	6.48999977		
CDD_Vecu_Volt_G_f32[1]	5.21000004		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	6.90000015e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	0		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	5833		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	570		
k_MtrPosComputDelay_Sec_f32	0.000140000004		
k_NoofPoles_Uls_f32	4.59762669		
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]	0.011932373	0.011932373 ± 0.0000152587890625	•
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0022932	0.0022932 ± 0.0000152587890625	<b>✓</b>
CDD_ElecPosDelayComp_Rad_G_f32	0.0393361412	0.0393361449 ± 0.0000152587890625	•
CDD_MtrCurr1_Volts_G_f32[0]	0	0 ± 32	<b>✓</b>
CDD_MtrCurr1_Volts_G_f32[1]	2.00687957	2.00687957 ± 32	-
CDD_MtrCurr2_Volts_G_f32[0]	0.368742377	0.368742377 ± 32	<b>✓</b>
CDD_MtrCurr2_Volts_G_f32[1]	1.00687957	1.00687957 ± 32	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[0]	125.217148	125.21714 ± 0.03	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[1]	198.001785	198.001785 ± 0.03	•
CDD_MtrCurrK1_Amps_G_f32[0]	125.83886	125.838852 ± 32	~
CDD_MtrCurrK1_Amps_G_f32[1]	120.001785	120.001785 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-3.58073568	-3.58072901 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[1]	198.001785	198.001785 ± 32	~
CDD_MtrCurrQax_Amp_G_f32[0]	12.996398	12.9963903 ± 0.03	•
CDD_MtrCurrQax_Amp_G_f32[1]	25.0017834	25.0017834 ± 0.03	<b>✓</b>

Test Step 2.30 (Repeat Count = 1)	· · · · · · · · · · · · · · · · · · ·
Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	4095
Adc2_GetPhsCCurr_Cnt_u16_m	770
CDD_ADC2OffsetComp_Cnt_G_u8p8	57344
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.029999993
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.007644
CDD_DCPhsBComp_Cnt_G_u16p0	694
CDD_DCPhsCComp_Cnt_G_u16p0	804
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-44.75
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	75.75
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.00200000009
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.00300000003
CDD_MtrCurr1_Volts_G_f32[0]	1.00713444
CDD_MtrCurr1_Volts_G_f32[1]	4.00713444
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0149999997
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0140000004
CDD_MtrCurr2_Volts_G_f32[0]	1.00713444
CDD_MtrCurr2_Volts_G_f32[1]	4.00713444
CDD_MtrCurrDax_Amp_G_f32[0]	-180.007141
CDD_MtrCurrDax_Amp_G_f32[1]	125.007133
CDD_MtrCurrK1_Amps_G_f32[0]	-140.007141
CDD_MtrCurrK1_Amps_G_f32[1]	63.0071335
CDD_MtrCurrK2_Amps_G_f32[0]	-180.007141
CDD_MtrCurrK2_Amps_G_f32[1]	125.007133
CDD_MtrCurrQax_Amp_G_f32[0]	-200.007141
CDD_MtrCurrQax_Amp_G_f32[1]	198.007141
CDD_MtrElecPol_Cnt_G_s8	1
CDD_Vecu_Volt_G_f32[0]	7.5
CDD_Vecu_Volt_G_f32[1]	6.21999979
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	3.09999996e-005
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	5.50000004e-005
MtrPos_CorrectedMtrPos_Rev_G_u0p16	8585
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_MtrCurrOffLoComOff_Cnt_u16	580

© Report created by TESSY V3.1.13, report template V2.1





Name	Input Value		
k_MtrPosComputDelay_Sec_f32	3.70000016e-005		
k_NoofPoles_Uls_f32	2.17562199		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.9000001		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	81.75		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	41.75		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.35500002		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.029999993	0.0299999993 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0481567383	0.0481567383 ± 0.0000152587890625	<b>✓</b>
CDD_ElecPosDelayComp_Rad_G_f32	0.00304886233	0.00304886233 ± 0.0000152587890625	~
CDD_MtrCurr1_Volts_G_f32[0]	1.00713444	1.00713444 ± 32	<b>✓</b>
CDD_MtrCurr1_Volts_G_f32[1]	4.72649574	4.72649574 ± 32	~
CDD_MtrCurr2_Volts_G_f32[0]	1.00713444	1.00713444 ± 32	<b>✓</b>
CDD_MtrCurr2_Volts_G_f32[1]	0.66666687	0.666666687 ± 32	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[0]	-180.007141	-180.007141 ± 0.03	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[1]	-32.8880501	-32.8880424 ± 0.03	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[0]	-140.007141	-140.007141 ± 32	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[1]	-74.171051	-74.171051 ± 32	<b>✓</b>
CDD_MtrCurrK2_Amps_G_f32[0]	-180.007141	-180.007141 ± 32	<b>✓</b>
CDD_MtrCurrK2_Amps_G_f32[1]	127.23439	127.23439 ± 32	<b>✓</b>
CDD_MtrCurrQax_Amp_G_f32[0]	-200.007141	-200.007141 ± 0.03	<b>✓</b>
CDD_MtrCurrQax_Amp_G_f32[1]	-143.555969	-143.555954 ± 0.03	~

Name	Input Value		
Adc2_GetPhsBCurr_Cnt_u16_m	2047		
Adc2_GetPhsCCurr_Cnt_u16_m	782		
CDD_ADC2OffsetComp_Cnt_G_u8p8	59392		
CDD_ADC2OnsetComp_Gnt_G_uppo  CDD AppDataFwdPthAccessBfr Cnt G u16	0		
CDD CDDDataAccessBfr Cnt G u16	0		
CDD_CDDDataAccessBil_Cht_G_u10  CDD CorrMtrPosElec Rev G f32[0]	0.0309999995		
CDD_Commur-osciec_nev_G_132[0] CDD CorrMtrPosElec Rev G f32[1]	0.00789880008		
CDD_COMMUP OSCIEC_INEV_G_132[1]  CDD_DCPhsBComp_Cnt_G_u16p0	793		
CDD DCPhsCComp Cnt G u16p0	914		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-52.7750015		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	69.7750015		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.00300000003		
CDD_MtrCurr1TempOffset_Volt_G_I32[0]  CDD_MtrCurr1TempOffset_Volt_G_I32[1]	0.00400000019		
CDD_MtrCurr1_Volts_G_f32[0]	1.00968242		
CDD_MtrCurr1_Volts_G_f32[1]	2.00968242		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.014000004		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0130000004		
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	3.3035264		
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
	0.215789795	0.215789795 ± 0.0000152587890625	Resu
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.213709795	0.213769793 ± 0.0000152587890625	





Name	Actual Value	Expected Value	Result
CDD_ElecPosDelayComp_Rad_G_f32	-0.0033125286	-0.00331252837 ± 0.0000152587890625	~
CDD_MtrCurr1_Volts_G_f32[0]	2.21611738	2.21611738 ± 32	~
CDD_MtrCurr1_Volts_G_f32[1]	2.00968242	2.00968242 ± 32	~
CDD_MtrCurr2_Volts_G_f32[0]	0.671550691	0.671550691 ± 32	~
CDD_MtrCurr2_Volts_G_f32[1]	2.00968242	2.00968242 ± 32	~
CDD_MtrCurrDax_Amp_G_f32[0]	26.1696739	26.1696682 ± 0.03	•
CDD_MtrCurrDax_Amp_G_f32[1]	120.007393	120.007393 ± 0.03	<b>~</b>
CDD_MtrCurrK1_Amps_G_f32[0]	149.593109	149.593109 ± 32	~
CDD_MtrCurrK1_Amps_G_f32[1]	25.0073891	25.0073891 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-5.87333584	-5.87334013 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[1]	120.007393	120.007393 ± 32	~
CDD_MtrCurrQax_Amp_G_f32[0]	147.403336	147.403336 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	125.007393	125.007393 ± 0.03	~

Name	Input Value		
Adc2_GetPhsBCurr_Cnt_u16_m	1100		
Adc2_GetPhsCCurr_Cnt_u16_m	0		
CDD ADC2OffsetComp Cnt G u8p8	61440		
	1		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1		
CDD_CDDDataAccessBfr_Cnt_G_u16	0.0320000015		
CDD_CorrMtrPosElec_Rev_G_f32[0]			
CDD_CorrMtrPosElec_Rev_G_f32[1] CDD_DCPhsBComp_Cnt_G_u16p0	0.00815359969 892		
	1024		
CDD_DCPhsCComp_Cnt_G_u16p0  CDD MRFMtrVel MtrRadpS G f32[0]	-44.7999992		
CDD_MRFMtrVel_MtrRadpS_G_f32[1] CDD_MtrCurr4TempOffset_Volts_C_f33[0]	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	4.8907547		
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	Resu
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0320000015	0.0320000015 ± 0.0000152587890625	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0528259277	0.0528259277 ± 0.0000152587890625	
CDD_ElecPosDelayComp_Rad_G_f32	0.0073243943	0.0073243943 ± 0.0000152587890625	
CDD_MtrCurr1_Volts_G_f32[0]	2.00764394	2.00764394 ± 32	
CDD_MtrCurr1_Volts_G_f32[1]	1.05006111	1.05006111 ± 32	
CDD_MtrCurr2_Volts_G_f32[0]	1.00764406	1.00764406 ± 32	
CDD MtrCurr2 Volts G f32[1]	0	0 ± 32	
CDD_MtrCurrDax_Amp_G_f32[0]	-140.007645	-140.007645 ± 0.03	
CDD_MtrCurrDax_Amp_G_f32[1]	134.262741	134.262741 ± 0.03	
CDD_MtrCurrK1_Amps_G_f32[0]	-200.007645	-200.007645 ± 32	
CDD MtrCurrK1 Amps G f32[1]	119.399467	119.399467 ± 32	
CDD MtrCurrK2 Amps G f32[0]	-140.007645	-140.007645 ± 32	

CurrDQPer1



Name	Actual Value	Expected Value	Result
CDD_MtrCurrK2_Amps_G_f32[1]	65.6124573	65.6124573 ± 32	~
CDD_MtrCurrQax_Amp_G_f32[0]	-160.007645	-160.007645 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	-23.1245117	-23.1245117 ± 0.03	~

Test Step 2.33 (Repeat Count = 1)			✓
Name	Input Value		
Adc2_GetPhsBCurr_Cnt_u16_m	1111		
Adc2_GetPhsCCurr_Cnt_u16_m	4095		
CDD_ADC2OffsetComp_Cnt_G_u8p8	63488		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0		
CDD_CDDDataAccessBfr_Cnt_G_u16	0		
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0329999998		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00840840023		
CDD_DCPhsBComp_Cnt_G_u16p0	991		
CDD_DCPhsCComp_Cnt_G_u16p0	1134		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-52.8250008		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	70.8249969		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.00499999989		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.00600000005		
CDD_MtrCurr1_Volts_G_f32[0]	0.00789880008		
CDD_MtrCurr1_Volts_G_f32[1]	2.00789881		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0120000001		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0109999999		
CDD_MtrCurr2_Volts_G_f32[0]	0.00789880008		
CDD_MtrCurr2_Volts_G_f32[1]	1.00789881		
CDD_MtrCurrDax_Amp_G_f32[0]	-200.007904		
CDD_MtrCurrDax_Amp_G_f32[1]	198.007904		
CDD_MtrCurrK1_Amps_G_f32[0]	-180.007904		
CDD_MtrCurrK1_Amps_G_f32[1]	125.007896		
CDD_MtrCurrK2_Amps_G_f32[0]	-200.007904		
CDD_MtrCurrK2_Amps_G_f32[1]	198.007904		
CDD_MtrCurrQax_Amp_G_f32[0]	-140.007904		
CDD_MtrCurrQax_Amp_G_f32[1]	63.0079002		
CDD_MtrElecPol_Cnt_G_s8	-1		
CDD_Vecu_Volt_G_f32[0]	10.5299997		
CDD_Vecu_Volt_G_f32[1]	9.25		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	3.4000006e-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	2.0648644		
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]	0.219970703	0.219970703 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00840840023	0.00840840023 ± 0.0000152587890625	~
CDD_ElecPosDelayComp_Rad_G_f32	-0.00218152907	-0.0021815293 ± 0.0000152587890625	~
CDD_MtrCurr1_Volts_G_f32[0]	1.05372405	1.05372405 ± 32	<b>✓</b>
CDD_MtrCurr1_Volts_G_f32[1]	2.00789881	2.00789881 ± 32	~
CDD_MtrCurr2_Volts_G_f32[0]	4.69719172	4.69719172 ± 32	<b>✓</b>
CDD_MtrCurr2_Volts_G_f32[1]	1.00789881	1.00789881 ± 32	~
CDD_MtrCurrDax_Amp_G_f32[0]	48.0819283	48.0819168 ± 0.03	~
CDD_MtrCurrDax_Amp_G_f32[1]	198.007904	198.007904 ± 0.03	~
CDD_MtrCurrK1_Amps_G_f32[0]	-79.1092453	-79.1092453 ± 32	~
CDD_MtrCurrK1_Amps_G_f32[1]	125.007896	125.007896 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	64.0566559	64.0566483 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[1]	198.007904	198.007904 ± 32	~
CDD_MtrCurrQax_Amp_G_f32[0]	-89.7198792	-89.7198715 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	63.0079002	63.0079002 ± 0.03	~

Test Step 2.34 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	881





Name	Input Value		
Adc2_GetPhsCCurr_Cnt_u16_m	2047		
CDD_ADC2OffsetComp_Cnt_G_u8p8	1024		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1		
CDD_CDDDataAccessBfr_Cnt_G_u16	1		
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.019999996		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00509600015		
CDD_DCPhsBComp_Cnt_G_u16p0	1090		
CDD_DCPhsCComp_Cnt_G_u16p0	1244		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	0		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	0		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0060000005		
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	2.90000007e-005		
k_NoofPoles_Uls_f32	5.06752682		
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]	0.019999996	0.0199999996 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0276641846	0.0276641846 ± 0.0000152587890625	<b>✓</b>
CDD ElecPosDelayComp Rad G f32	0	0 ± 0.0000152587890625	-
CDD_MtrCurr1_Volts_G_f32[0]	1.00815356	1.00815356 ± 32	<b>✓</b>
CDD_MtrCurr1_Volts_G_f32[1]	1.07081807	1.07081807 ± 32	-
CDD_MtrCurr2_Volts_G_f32[0]	1.00815356	1.00815356 ± 32	<b>✓</b>
CDD_MtrCurr2_Volts_G_f32[1]	2.49450564	2.49450564 ± 32	-
CDD_MtrCurrDax_Amp_G_f32[0]	-180.004593	-180.004593 ± 0.03	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[1]	76.6863327	76.6863327 ± 0.03	•
CDD_MtrCurrK1_Amps_G_f32[0]	-140.004593	-140.004593 ± 32	~
CDD_MtrCurrK1_Amps_G_f32[1]	86.9969254	86.9969254 ± 32	-
CDD_MtrCurrK2_Amps_G_f32[0]	-180.004593	-180.004593 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[1]	-52.0377197	-52.0377159 ± 32	-
CDD_MtrCurrQax_Amp_G_f32[0]	-200.004593	-200.004593 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	66.2992935	66.2992859 ± 0.03	~
ODD_INITIOUTIQAX_ATTIP_G_102[1]	00.2332333	00.2552035 ± 0.03	

Test Step 2.35 (Repeat Count = 1)		✓
Name	Input Value	
Adc2_GetPhsBCurr_Cnt_u16_m	1199	
Adc2_GetPhsCCurr_Cnt_u16_m	45	
CDD_ADC2OffsetComp_Cnt_G_u8p8	2048	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1	
CDD_CDDDataAccessBfr_Cnt_G_u16	0	
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0350000001	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00891800039	
CDD_DCPhsBComp_Cnt_G_u16p0	1783	
CDD_DCPhsCComp_Cnt_G_u16p0	2014	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-52.875	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	74.875	

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	3.223979		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.8999998		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	92.875		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	63.875		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.36599994		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.237243652	0.237243652 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00891800039	0.00891800039 ± 0.0000152587890625	~
CDD_ElecPosDelayComp_Rad_G_f32	0.00579349045	0.00579349045 ± 0.0000152587890625	~
CDD_MtrCurr1_Volts_G_f32[0]	1.45421255	1.45421255 ± 32	~
CDD_MtrCurr1_Volts_G_f32[1]	2.00840831	2.00840831 ± 32	~
CDD_MtrCurr2_Volts_G_f32[0]	0.0451770462	0.0451770462 ± 32	~
CDD_MtrCurr2_Volts_G_f32[1]	1.00840843	1.00840843 ± 32	~
CDD_MtrCurrDax_Amp_G_f32[0]	-27.7123985	-27.7123966 ± 0.03	•
CDD_MtrCurrDax_Amp_G_f32[1]	63.0084076	63.0084076 ± 0.03	~
CDD_MtrCurrK1_Amps_G_f32[0]	247.448029	247.448029 ± 32	•
CDD_MtrCurrK1_Amps_G_f32[1]	63.0084076	63.0084076 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-47.6772957	-47.6772957 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[1]	63.0084076	63.0084076 ± 32	~
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	125.008408	125.008408 ± 0.03	~

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

2016-07-24, 13:53:17+0530



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	5.39541674		
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]	0.0707244873	0.0707244873 ± 0.0000152587890625	•
CDD_ElecPosDelayComp_Rad_G_f32	-0.00593522843	-0.00593522796 ± 0.0000152587890625	•
CDD_MtrCurr1_Volts_G_f32[0]	1.00866318	1.00866318 ± 32	•
CDD_MtrCurr1_Volts_G_f32[1]	1.46275949	1.46275949 ± 32	•
CDD_MtrCurr2_Volts_G_f32[0]	1.00866318	1.00866318 ± 32	•
CDD_MtrCurr2_Volts_G_f32[1]	0.0500610508	0.0500610508 ± 32	-
CDD_MtrCurrDax_Amp_G_f32[0]	-120.008667	-120.008667 ± 0.03	-
CDD_MtrCurrDax_Amp_G_f32[1]	220	220 ± 0.03	•
CDD_MtrCurrK1_Amps_G_f32[0]	5.00866318	5.00866318 ± 32	•
CDD_MtrCurrK1_Amps_G_f32[1]	287.48761	287.48761 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[0]	-120.008667	-120.008667 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[1]	37.3464928	37.3464928 ± 32	•
CDD_MtrCurrQax_Amp_G_f32[0]	-160.008667	-160.008667 ± 0.03	•
CDD_MtrCurrQax_Amp_G_f32[1]	89.8697357	89.8697433 ± 0.03	•

Test Step 2.37 (Repeat Count = 1)	✓
Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	1221
Adc2_GetPhsCCurr_Cnt_u16_m	60
CDD_ADC2OffsetComp_Cnt_G_u8p8	1280
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1.
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0370000005
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00942759961
CDD_DCPhsBComp_Cnt_G_u16p0	1981
CDD_DCPhsCComp_Cnt_G_u16p0	2234
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-52.9249992
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	75.9250031
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0
CDD_MtrCurr1_Volts_G_f32[0]	2.00891805
CDD_MtrCurr1_Volts_G_f32[1]	1.00891805
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.0140000004
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0149999997
CDD_MtrCurr2_Volts_G_f32[0]	2.00891805
CDD_MtrCurr2_Volts_G_f32[1]	1.00891805
CDD_MtrCurrDax_Amp_G_f32[0]	-200.008911
CDD_MtrCurrDax_Amp_G_f32[1]	198.008911
CDD_MtrCurrK1_Amps_G_f32[0]	5.00891781
CDD_MtrCurrK1_Amps_G_f32[1]	18.0089188
CDD_MtrCurrK2_Amps_G_f32[0]	-200.008911
CDD_MtrCurrK2_Amps_G_f32[1]	198.008911
CDD_MtrCurrQax_Amp_G_f32[0]	-140.008911
CDD_MtrCurrQax_Amp_G_f32[1]	63.0089188
CDD_MtrElecPol_Cnt_G_s8	-1
CDD_Vecu_Volt_G_f32[0]	14.5699997
CDD_Vecu_Volt_G_f32[1]	13.29
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	3.79999983e-005





Name	Input Value		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	1.80000006e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	10289		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	650		
k_MtrPosComputDelay_Sec_f32	4.9999987e-005		
k_NoofPoles_Uls_f32	5.4423542		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.0999999		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	94.9250031		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	67.9250031		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.36800003		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.241973877	0.241973877 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00942759961	0.00942759961 ± 0.0000152587890625	<b>✓</b>
CDD_ElecPosDelayComp_Rad_G_f32	0.0103302682	0.0103302691 ± 0.0000152587890625	<b>✓</b>
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	<b>✓</b>
CDD_MtrCurr2_Volts_G_f32[1]	1.00891805	1.00891805 ± 32	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[0]	-19.6892376	-19.6892395 ± 0.03	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[1]	198.008911	198.008911 ± 0.03	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[0]	305.252838	305.252838 ± 32	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[1]	18.0089188	18.0089188 ± 32	<b>✓</b>
CDD_MtrCurrK2_Amps_G_f32[0]	-35.1211243	-35.1211243 ± 32	<b>✓</b>
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	2080	
CDD_DCPhsCComp_Cnt_G_u16p0	2344	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-44.9500008	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	82.9499969	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0099999978	
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0109999999	
CDD_MtrCurr1_Volts_G_f32[0]	2.00917292	
CDD_MtrCurr1_Volts_G_f32[1]	1.0091728	
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.0149999997	
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0160000008	
CDD_MtrCurr2_Volts_G_f32[0]	1.0091728	
CDD_MtrCurr2_Volts_G_f32[1]	2.00917292	
CDD_MtrCurrDax_Amp_G_f32[0]	-180.009171	
CDD_MtrCurrDax_Amp_G_f32[1]	125.009171	
CDD_MtrCurrK1_Amps_G_f32[0]	5.00917292	
CDD_MtrCurrK1_Amps_G_f32[1]	22.0091724	
CDD_MtrCurrK2_Amps_G_f32[0]	-180.009171	
CDD_MtrCurrK2_Amps_G_f32[1]	125.009171	
CDD MtrCurrQax Amp G f32[0]	-120.009171	
CDD_MtrCurrQax_Amp_G_f32[1]	25.0091724	
CDD MtrElecPol Cnt G s8	1	
CDD Vecu Volt G f32[0]	15.5799999	
CDD_Vecu_Volt_G_f32[1]	14.3000002	
CmMtrCurr MtrCurr1OffDelta VoltpVoltCnt M f32	3.89999987e-005	
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	1.89999992e-005	
MtrPos_CorrectedMtrPos_Rev_G_u0p16	10420	
Rte Inst Sa CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
k MtrCurrOffLoComOff Cnt u16	660	
MtrPosComputDelay Sec f32	5.0999991e-005	
k_NoofPoles_Uls_f32	4.1064229	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.2000005	
tgt Pim ShCurrCal.EOLPhscurr1Gain AmpspVolt f32	95.9499969	
tgt Pim ShCurrCal.EOLPhscurr2Gain AmpspVolt_132	69.9499969	
tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32	2.36899996	





Name	Input Value		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.037999988	0.0379999988 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0749206543	0.0749206543 ± 0.0000152587890625	~
CDD_ElecPosDelayComp_Rad_G_f32	-0.00470688473	-0.00470688473 ± 0.0000152587890625	~
CDD_MtrCurr1_Volts_G_f32[0]	2.00917292	2.00917292 ± 32	~
CDD_MtrCurr1_Volts_G_f32[1]	1.49206352	1.49206352 ± 32	~
CDD_MtrCurr2_Volts_G_f32[0]	1.0091728	1.0091728 ± 32	~
CDD_MtrCurr2_Volts_G_f32[1]	0.070818074	0.070818074 ± 32	~
CDD_MtrCurrDax_Amp_G_f32[0]	-180.009171	-180.009171 ± 0.03	•
CDD_MtrCurrDax_Amp_G_f32[1]	220	220 ± 0.03	~
CDD_MtrCurrK1_Amps_G_f32[0]	5.00917292	5.00917292 ± 32	~
CDD_MtrCurrK1_Amps_G_f32[1]	348.350586	348.350586 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-180.009171	-180.009171 ± 32	<b>✓</b>
CDD_MtrCurrK2_Amps_G_f32[1]	25.9826984	25.9826889 ± 32	<b>✓</b>
CDD_MtrCurrQax_Amp_G_f32[0]	-120.009171	-120.009171 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	134.836472	134.836487 ± 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	2179		
CDD_DCPhsCComp_Cnt_G_u16p0	2454		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-52.9749985		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	76.9749985		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.00499999989		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0040000019		
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]	0.017000009		
CDD_MtrCurr2_Volts_G_f32[0]	0.00942759961		
CDD_MtrCurr2_Volts_G_f32[1]	1.00942755		
CDD MtrCurrDax Amp G f32[0]	-160.00943		
CDD_MtrCurrDax_Amp_G_f32[1]	120.00943		
CDD_MtrCurrK1_Amps_G_f32[0]	5.00942755		
CDD_MtrCurrK1_Amps_G_f32[1]	26.009428		
CDD MtrCurrK2 Amps G f32[0]	-160.00943		
CDD_MtrCurrK2_Amps_G_f32[1]	120.00943		
CDD_MtrCurrQax_Amp_G_f32[0]	-200.00943		
CDD_MtrCurrQax_Amp_G_f32[1]	198.00943		
CDD_MtrElecPol_Cnt_G_s8	-1		
CDD_Vecu_Volt_G_f32[0]	16.5900002		
CDD_Vecu_Volt_G_f32[1]	15.3100004		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	3.999999e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	1.9999995e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	10551		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
<_MtrCurrOffLoComOff_Cnt_u16	670		
<_MtrPosComputDelay_Sec_f32	5.19999994e-005		
CNoofPoles_Uls_f32	3.98144245		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	2.2999995		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	96.9749985		
tgt Pim ShCurrCal.EOLPhscurr2Gain AmpspVolt_132	71.9749985		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.3699989		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		-
Name	Actual Value	Expected Value	Resi
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.24559021	0.24559021 ± 0.0000152587890625	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00993719976	0.00993719976 ± 0.0000152587890625	
CDD_ElecPosDelayComp_Rad_G_f32	0.00796825998	0.00796825998 ± 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]	-12.1716347	-12.1716347 ± 0.03	





Name	Actual Value	Expected Value	Result
CDD_MtrCurrDax_Amp_G_f32[1]	120.00943	120.00943 ± 0.03	~
CDD_MtrCurrK1_Amps_G_f32[0]	372.715576	372.715576 ± 32	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[1]	26.009428	26.009428 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-22.5059814	-22.5059814 ± 32	<b>✓</b>
CDD_MtrCurrK2_Amps_G_f32[1]	120.00943	120.00943 ± 32	•
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 0.03	<b>✓</b>
CDD_MtrCurrQax_Amp_G_f32[1]	198.00943	198.00943 ± 0.03	•

Test Step 2.40 (Repeat Count = 1)			
Name	Input Value		
Adc2_GetPhsBCurr_Cnt_u16_m	1254		
Adc2_GetPhsCCurr_Cnt_u16_m	83		
CDD_ADC2OffsetComp_Cnt_G_u8p8	768		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0		
CDD_CDDDataAccessBfr_Cnt_G_u16	1		
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.039999991		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0101920003		
CDD_DCPhsBComp_Cnt_G_u16p0	2278		
CDD_DCPhsCComp_Cnt_G_u16p0	2564		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-44.3650017		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	83.3649979		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0120000001		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0130000003		
CDD_MtrCurr1_Volts_G_f32[0]	1.00968242		
CDD_MtrCurr1_Volts_G_f32[1]	2.00968242		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0260000005		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0260000005		
CDD_MtrCurr2_Volts_G_f32[0]	1.00968242		
CDD_MtrCurr2_Volts_G_f32[1]	2.00968242		
CDD_MtrCurrDax_Amp_G_f32[0]	-140.009689		
CDD_MtrCurrDax_Amp_G_f32[1]	63.0096817		
CDD_MtrCurrK1_Amps_G_f32[0]	5.00968218		
CDD_MtrCurrK1_Amps_G_f32[1]	30.0096817		
CDD_MtrCurrK2_Amps_G_f32[0]	-140.009689		
CDD_MtrCurrK2_Amps_G_f32[1]	63.0096817		
CDD_MtrCurrQax_Amp_G_f32[0]	-180.009689		
CDD_MtrCurrQax_Amp_G_f32[1]	125.009682		
CDD_MtrElecPol_Cnt_G_s8	1		
CDD_Vecu_Volt_G_f32[0]	17.6000004		
CDD_Vecu_Volt_G_f32[1]	16.3199997		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	4.0999993e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	2.0999998e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	10682		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	680		
k_MtrPosComputDelay_Sec_f32	5.2999998e-005		
k_NoofPoles_Uls_f32	3.30382323		
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	Resu
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.039999991	0.0399999991 ± 0.0000152587890625	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0790405273	0.0790405273 ± 0.0000152587890625	
CDD_ElecPosDelayComp_Rad_G_f32	-0.00388421444	-0.00388421421 ± 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]	413.612122	413.612122 ± 32	
CDD_MtrCurrK2_Amps_G_f32[0]	-140.009689	-140.009689 ± 32	
CDD_MtrCurrK2_Amps_G_f32[1]	10.5707664	10.570775 ± 32	
CDD_MtrCurrQax_Amp_G_f32[0]	-180.009689	-180.009689 ± 0.03	
CDD_MtrCurrQax_Amp_G_f32[1]	187.776733	187.776718 ± 0.03	





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	3367		
CDD_DCPhsCComp_Cnt_G_u16p0	3774		
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]	0.024000002		
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	18.6100006		
CDD_Vecu_Volt_G_f32[0]			
CDD_Vecu_Volt_G_f32[1] CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	17.3299999 4.19999997e-005		
	2.20000002e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32 MtrPos_CorrectedMtrPos_Rev_G_u0p16	10813		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	690		
k_MtrPosComputDelay_Sec_f32	5.4000001e-005		
k_NoofPoles_Uls_f32	4.80225563		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.5		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	98.0250015		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	75.0250015		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.37199998		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0832519531	0.0832519531 ± 0.0000152587890625	- Ttoouit
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0104467999	0.0104467999 ± 0.0000152587890625	·
CDD ElecPosDelayComp Rad G f32	0.00998713076	0.00998713076 ± 0.0000152587890625	_
CDD_MtrCurr1_Volts_G_f32[0]	1.53724062	1.53724062 ± 32	·
CDD_MtrCurr1_Volts_G_f32[1]	1.00993717	1.00993717 ± 32	
CDD_MtrCurr2_Volts_G_f32[0]	0.102564104	0.102564104 ± 32	<b>~</b>
CDD_MtrCurr2_Volts_G_f32[1]	1.00993717	1.00993717 ± 32	
CDD MtrCurrDax Amp G f32[0]	220	220 ± 0.03	<b>~</b>
CDD_MtrCurrDax_Amp_G_f32[1]	25.0099373	25.0099373 ± 0.03	_
CDD_MtrCurrK1_Amps_G_f32[0]	548.15686	548.15686 ± 32	<b>V</b>
CDD_MtrCurrK1_Amps_G_f32[1]	2.00993729	2.00993729 ± 32	_
CDD_MtrCurrK2_Amps_G_f32[0]	-15.7599745	-15.7599573 ± 32	<b>V</b>
CDD_MtrCurrK2_Amps_G_f32[1]	25.0099373	25.0099373 ± 32	_
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 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	2476	

CurrDQPer1





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	5.30713034		
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
			Kesuit
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0419999994	0.0419999994 ± 0.0000152587890625 0.0856323242 ± 0.0000152587890625	
CDD_CorrMtrPosElec_Rev_G_f32[1]			
CDD_ElecPosDelayComp_Rad_G_f32	0.0122667691	0.0122667691 ± 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	<b>V</b>
CDD_MtrCurrDax_Amp_G_f32[1]	220	220 ± 0.03	<b>V</b>
CDD_MtrCurrK1_Amps_G_f32[0]	2.01019192	2.01019192 ± 32	~
CDD_MtrCurrK1_Amps_G_f32[1]	486.712189	486.712158 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-200.010193	-200.010193 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[1]	-1.33579147	-1.33578265 ± 32	~
CDD_MtrCurrQax_Amp_G_f32[0]	-140.010193	-140.010193 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	220	220 ± 0.03	~

Test Step 2.43 (Repeat Count = 1)	<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	2575
CDD_DCPhsCComp_Cnt_G_u16p0	2894
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-52.0750008
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	78.0749969
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0149999997
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0160000008
CDD_MtrCurr1_Volts_G_f32[0]	0.0104467999
CDD_MtrCurr1_Volts_G_f32[1]	2.01044679
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.0099999978
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0109999999
CDD_MtrCurr2_Volts_G_f32[0]	0.0104467999

CurrDQPer1



Name	Input Value		
CDD_MtrCurr2_Volts_G_f32[1]	1.01044679		
CDD_MtrCurrDax_Amp_G_f32[0]	-180.010452		
CDD_MtrCurrDax_Amp_G_f32[1]	125.010445		
CDD_MtrCurrK1_Amps_G_f32[0]	4.01044703		
CDD_MtrCurrK1_Amps_G_f32[1]	6.01044703		
CDD_MtrCurrK2_Amps_G_f32[0]	-180.010452		
CDD_MtrCurrK2_Amps_G_f32[1]	125.010445		
CDD_MtrCurrQax_Amp_G_f32[0]	-120.010445		
CDD_MtrCurrQax_Amp_G_f32[1]	25.0104465		
CDD_MtrElecPol_Cnt_G_s8	1		
CDD_Vecu_Volt_G_f32[0]	20.6299992		
CDD_Vecu_Volt_G_f32[1]	19.3500004		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	4.40000003e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	2.40000008e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	11076		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	710		
k_MtrPosComputDelay_Sec_f32	5.60000008e-005		
k_NoofPoles_Uls_f32	2.10435843		
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]	0.0851898193	0.0851898193 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0109564001	0.0109564001 ± 0.0000152587890625	<b>✓</b>
CDD_ElecPosDelayComp_Rad_G_f32	-0.00306836516	-0.00306836516 ± 0.0000152587890625	<b>✓</b>
CDD_MtrCurr1_Volts_G_f32[0]	1.55677664	1.55677664 ± 32	<b>✓</b>
CDD_MtrCurr1_Volts_G_f32[1]	2.01044679	2.01044679 ± 32	<b>✓</b>
CDD_MtrCurr2_Volts_G_f32[0]	0.113553114	0.113553114 ± 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	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[0]	550.368652	550.368652 ± 32	~
CDD_MtrCurrK1_Amps_G_f32[1]	6.01044703	6.01044703 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-11.7105074	-11.7105427 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[1]	125.010445	125.010445 ± 32	~
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	25.0104465	25.0104465 ± 0.03	

Test Step 2.44 (Repeat Count = 1)	✓
Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	1298
Adc2_GetPhsCCurr_Cnt_u16_m	664
CDD_ADC2OffsetComp_Cnt_G_u8p8	3840
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1.
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.043999998
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0112111997
CDD_DCPhsBComp_Cnt_G_u16p0	2674
CDD_DCPhsCComp_Cnt_G_u16p0	3004
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-44.0999985
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	85.0999985
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0160000008
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0170000009
CDD_MtrCurr1_Volts_G_f32[0]	1.01070166
CDD_MtrCurr1_Volts_G_f32[1]	4.01070166
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.00499999989
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.00400000019
CDD_MtrCurr2_Volts_G_f32[0]	1.01070166
CDD_MtrCurr2_Volts_G_f32[1]	4.01070166
CDD_MtrCurrDax_Amp_G_f32[0]	-160.010696
CDD_MtrCurrDax_Amp_G_f32[1]	120.010704
CDD_MtrCurrK1_Amps_G_f32[0]	1.01070166
CDD_MtrCurrK1_Amps_G_f32[1]	3.01070166
CDD_MtrCurrK2_Amps_G_f32[0]	-160.010696
CDD_MtrCurrK2_Amps_G_f32[1]	120.010704
CDD_MtrCurrQax_Amp_G_f32[0]	-200.010696
CDD_MtrCurrQax_Amp_G_f32[1]	198.010696
CDD_MtrElecPol_Cnt_G_s8	1





Name	Input Value		
CDD_Vecu_Volt_G_f32[0]	21.6399994		
CDD_Vecu_Volt_G_f32[1]	20.3600006		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	4.50000007e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	3.30000003e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	11207		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	720		
k_MtrPosComputDelay_Sec_f32	5.70000011e-005		
k_NoofPoles_Uls_f32	4.04976606		
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]	0.0892333984	0.0892333984 ± 0.0000152587890625	<b>✓</b>
CDD_ElecPosDelayComp_Rad_G_f32	0.00982209947	0.0098221004 ± 0.0000152587890625	<b>✓</b>
CDD_MtrCurr1_Volts_G_f32[0]	1.01070166	1.01070166 ± 32	~
CDD_MtrCurr1_Volts_G_f32[1]	1.56654465	1.56654465 ± 32	<b>✓</b>
CDD_MtrCurr2_Volts_G_f32[0]	1.01070166	1.01070166 ± 32	~
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]	559.891846	559.891785 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-160.010696	-160.010696 ± 32	<b>✓</b>
CDD_MtrCurrK2_Amps_G_f32[1]	-31.7195053	-31.7194977 ± 32	~
CDD_MtrCurrQax_Amp_G_f32[0]	-200.010696	-200.010696 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	220	220 ± 0.03	<b>✓</b>

lame	Input Value	
	1309	
dc2_GetPhsBCurr_Cnt_u16_m		
dc2_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	
DD_DCPhsBComp_Cnt_G_u16p0	2773	
DD_DCPhsCComp_Cnt_G_u16p0	3114	
DD_MRFMtrVel_MtrRadpS_G_f32[0]	-52.125	
DD_MRFMtrVel_MtrRadpS_G_f32[1]	79.125	
DD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0170000009	
DD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0179999992	
DD_MtrCurr1_Volts_G_f32[0]	2.01095629	
DD_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	3.4000006e-005	
ItrPos_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	3.28270912	
pt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	2.900001	





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]	0.25553894	0.25553894 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0114660002	0.0114660002 ± 0.0000152587890625	<b>✓</b>
CDD_ElecPosDelayComp_Rad_G_f32	-0.00496222498	-0.00496222544 ± 0.0000152587890625	~
CDD_MtrCurr1_Volts_G_f32[0]	1.57631266	1.57631266 ± 32	~
CDD_MtrCurr1_Volts_G_f32[1]	1.01095641	1.01095641 ± 32	~
CDD_MtrCurr2_Volts_G_f32[0]	0.374847382	0.374847382 ± 32	~
CDD_MtrCurr2_Volts_G_f32[1]	2.01095629	2.01095629 ± 32	~
CDD_MtrCurrDax_Amp_G_f32[0]	-3.89681816	-3.89683318 ± 0.03	~
CDD_MtrCurrDax_Amp_G_f32[1]	63.0109558	63.0109558 ± 0.03	~
CDD_MtrCurrK1_Amps_G_f32[0]	674.670837	674.670776 ± 32	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[1]	5.01095629	5.01095629 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	19.5903625	19.5903454 ± 32	<b>~</b>
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	1320		
Adc2 GetPhsCCurr Cnt u16 m	1425		
CDD ADC2OffsetComp Cnt G u8p8	5376		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1		
CDD CDDDataAccessBfr Cnt G u16	1		
CDD CorrMtrPosElec Rev G f32[0]	0.0460000001		
CDD CorrMtrPosElec Rev G f32[1]	0.0117207998		
CDD_DCPhsBComp_Cnt_G_u16p0	2872		
CDD_DCPhsCComp_Cnt_G_u16p0	3224		
CDD MRFMtrVel MtrRadpS G f32[0]	-44.1500015		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	86.1500015		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0179999992		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0189999994		
CDD_MtrCurr1_Volts_G_f32[0]	2.01121116		
CDD_MtrCurr1_Volts_G_f32[1]	1.01121116		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.0179999992		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0189999994		
CDD_MtrCurr2_Volts_G_f32[0]	1.01121116		
CDD_MtrCurr2_Volts_G_f32[1]	2.01121116		
CDD_MtrCurrDax_Amp_G_f32[0]	-120.011208		
CDD_MtrCurrDax_Amp_G_f32[1]	25.0112114		
CDD_MtrCurrK1_Amps_G_f32[0]	4.0112114		
CDD_MtrCurrK1_Amps_G_f32[1]	7.0112114		
CDD_MtrCurrK2_Amps_G_f32[0]	-120.011208		
CDD_MtrCurrK2_Amps_G_f32[1]	25.0112114		
CDD_MtrCurrQax_Amp_G_f32[0]	-160.011215		
CDD_MtrCurrQax_Amp_G_f32[1]	120.011208		
CDD_MtrElecPol_Cnt_G_s8	1		
CDD_Vecu_Volt_G_f32[0]	23.6599998		
CDD_Vecu_Volt_G_f32[1]	22.3799992		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	4.70000014e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	3.50000009e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	11469		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	740		
k_MtrPosComputDelay_Sec_f32	5.90000018e-005		
k_NoofPoles_Uls_f32	2.15225244		
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	•
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0925445557	0.0925445557 ± 0.0000152587890625	•
CDD_ElecPosDelayComp_Rad_G_f32	0.00546978833	0.00546978833 ± 0.0000152587890625	•
CDD_MtrCurr1_Volts_G_f32[0]	2.01121116	2.01121116 ± 32	•
CDD_MtrCurr1_Volts_G_f32[1]	1.58608067	1.58608067 ± 32	-   ·





Name	Actual Value	Expected Value	Result
CDD_MtrCurr2_Volts_G_f32[0]	1.01121116	1.01121116 ± 32	✓
CDD_MtrCurr2_Volts_G_f32[1]	1.71428573	1.71428573 ± 32	~
CDD_MtrCurrDax_Amp_G_f32[0]	-120.011208	-120.011208 ± 0.03	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[1]	220	220 ± 0.03	~
CDD_MtrCurrK1_Amps_G_f32[0]	4.0112114	4.0112114 ± 32	~
CDD_MtrCurrK1_Amps_G_f32[1]	602.852112	602.852051 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-120.011208	-120.011208 ± 32	<b>✓</b>
CDD_MtrCurrK2_Amps_G_f32[1]	-89.7204971	-89.7204742 ± 32	~
CDD_MtrCurrQax_Amp_G_f32[0]	-160.011215	-160.011215 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	220	220 ± 0.03	~

Test Step 2.47 (Repeat Count = 1)			
Name	Input Value		
Adc2_GetPhsBCurr_Cnt_u16_m	1364		
Adc2_GetPhsCCurr_Cnt_u16_m	951		
CDD_ADC2OffsetComp_Cnt_G_u8p8	8448		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1		
CDD_CDDDataAccessBfr_Cnt_G_u16	1		
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.050000007		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0127400002		
CDD_DCPhsBComp_Cnt_G_u16p0	3268		
CDD_DCPhsCComp_Cnt_G_u16p0	3664		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-44.25		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	88.25		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0219999999		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.023		
CDD_MtrCurr1_Volts_G_f32[0]	4.0122304		
CDD_MtrCurr1_Volts_G_f32[1]	1.0122304		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.021999999		
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_UIs_f32	3.97869086		
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	Resul
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.050000007	0.0500000007 ± 0.0000152587890625	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.918426514	0.918426514 ± 0.0000152587890625	•
CDD_ElecPosDelayComp_Rad_G_f32	0.011060263	0.011060263 ± 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	٠,
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]	702.741577	702.741638 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[0]	-140.012238	-140.012238 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[1]	52.4042244	52.4042053 ± 32	٠,
CDD_MtrCurrQax_Amp_G_f32[0]	-180.012238	-180.012238 ± 0.03	•
CDD_MtrCurrQax_Amp_G_f32[1]	-220	-220 ± 0.03	-   •



Test Step 2.48 (Repeat Count = 1)			~
Name	Input Value		
Adc2_GetPhsBCurr_Cnt_u16_m	1375		
Adc2_GetPhsCCurr_Cnt_u16_m	159		
CDD_ADC2OffsetComp_Cnt_G_u8p8	9216		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0		
CDD_CDDDataAccessBfr_Cnt_G_u16	0		
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.050999999		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0129947998		
CDD_DCPhsBComp_Cnt_G_u16p0	3367		
CDD_DCPhsCComp_Cnt_G_u16p0	3774		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-52.2750015		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	82.2750015		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.023		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0240000002		
CDD_MtrCurr1_Volts_G_f32[0]	0.0124851996 2.01248527		
CDD_MtrCurr3TompOffeet_Volt_C_f32[0]			
CDD_MtrCurr2TempOffset_Volt_G_f32[0] CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.023 0.024000002		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0124851996		
CDD_MtrCurr2_Volts_G_f32[0] 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]	8.7799973		
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	2.43344188		
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]	0.0826721191	0.0826721191 ± 0.0000152587890625	•
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0129947998	0.0129947998 ± 0.0000152587890625	•
CDD_ElecPosDelayComp_Rad_G_f32	-0.0040706615	-0.0040706615 ± 0.0000152587890625	•
CDD_MtrCurr1_Volts_G_f32[0]	1.63492072	1.63492072 ± 32	•
CDD_MtrCurr1_Volts_G_f32[1]	2.01248527	2.01248527 ± 32	•
CDD_MtrCurr2_Volts_G_f32[0]	0.150183156	0.150183156 ± 32	•
CDD_MtrCurr2_Volts_G_f32[1]	1.01248515	1.01248515 ± 32	•
CDD_MtrCurrDax_Amp_G_f32[0]	220	220 ± 0.03	•
CDD_MtrCurrDax_Amp_G_f32[1]	25.0124855	25.0124855 ± 0.03	•
CDD_MtrCurrK1_Amps_G_f32[0]	958.966675	958.966675 ± 32	•
CDD_MtrCurrK1_Amps_G_f32[1]	28.0124855	28.0124855 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[0]	-71.4010239	-71.4010468 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[1]	25.0124855	25.0124855 ± 32	•
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 0.03	•
CDD_MtrCurrQax_Amp_G_f32[1]	120.012482	120.012482 ± 0.03	•

Test Step 2.49 (Repeat Count = 1)	
Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	1386
Adc2_GetPhsCCurr_Cnt_u16_m	753
CDD_ADC2OffsetComp_Cnt_G_u8p8	9984
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1
CDD_CDDDataAccessBfr_Cnt_G_u16	1

CurrDQPer1

2016-07-24, 13:53:17+0530



Input Value CDD\_CorrMtrPosElec\_Rev\_G\_f32[0] 0.0520000011 CDD\_CorrMtrPosElec\_Rev\_G\_f32[1] 0.0132496003 CDD\_DCPhsBComp\_Cnt\_G\_u16p0 3466 CDD\_DCPhsCComp\_Cnt\_G\_u16p0 3884 CDD\_MRFMtrVel\_MtrRadpS\_G\_f32[0] -44.2999992 CDD\_MRFMtrVel\_MtrRadpS\_G\_f32[1] 89.3000031 CDD\_MtrCurr1TempOffset\_Volt\_G\_f32[0] 0.0240000002  $CDD\_MtrCurr1TempOffset\_Volt\_G\_f32[1]$ 0.0250000004 CDD\_MtrCurr1\_Volts\_G\_f32[0] 1.01605237 CDD\_MtrCurr1\_Volts\_G\_f32[1] 2 01605248 CDD\_MtrCurr2TempOffset\_Volt\_G\_f32[0] 0.0240000002 CDD\_MtrCurr2TempOffset\_Volt\_G\_f32[1] 0.0250000004 CDD\_MtrCurr2\_Volts\_G\_f32[0] 1.01605237 CDD MtrCurr2 Volts G f32[1] 2 01605248 CDD\_MtrCurrDax\_Amp\_G\_f32[0] -200.012741 CDD\_MtrCurrDax\_Amp\_G\_f32[1] 198.012741 CDD\_MtrCurrK1\_Amps\_G\_f32[0] 6.01274014 CDD\_MtrCurrK1\_Amps\_G\_f32[1] 25.0127392 CDD\_MtrCurrK2\_Amps\_G\_f32[0] -200.012741 CDD\_MtrCurrK2\_Amps\_G\_f32[1] 198.012741 CDD\_MtrCurrQax\_Amp\_G\_f32[0] -140.012741 CDD\_MtrCurrQax\_Amp\_G\_f32[1] 63.0127411 CDD\_MtrElecPol\_Cnt\_G\_s8 CDD\_Vecu\_Volt\_G\_f32[0] 29.7199993 CDD\_Vecu\_Volt\_G\_f32[1] 9.78999996  $CmMtrCurr\_MtrCurr1OffDelta\_VoltpVoltCnt\_M\_f32$ 9.79999968e-005 CmMtrCurr\_MtrCurr2OffDelta\_VoltpVoltCnt\_M\_f32 4.09999993e-005 MtrPos\_CorrectedMtrPos\_Rev\_G\_u0p16 32768 Rte Inst Sa CmMtrCurr tgt Rte Inst Sa CmMtrCurr 800  $k\_MtrCurrOffLoComOff\_Cnt\_u16$ k\_MtrPosComputDelay\_Sec\_f32 6.50000002e-005 k\_NoofPoles\_Uls\_f32 2 01812696 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 ± 0.0000152587890625 CDD CorrMtrPosElec Rev G f32[0] 0.0520000011 CDD\_CorrMtrPosElec\_Rev\_G\_f32[1] 0.417602539 0.417602539 ± 0.0000152587890625 CDD ElecPosDelayComp\_Rad\_G\_f32 0.00585710956 0.00585710909 ± 0.0000152587890625 CDD\_MtrCurr1\_Volts\_G\_f32[0] 1.01605237 1.01605237 ± 32 CDD\_MtrCurr1\_Volts\_G\_f32[1] 1.64468873 1.64468873 ± 32 CDD\_MtrCurr2\_Volts\_G\_f32[0] 1.01605237 1.01605237 ± 32 CDD\_MtrCurr2\_Volts\_G\_f32[1] 0.871794879 0.871794879 ± 32 -200.012741 -200.012741 ± 0.03 CDD\_MtrCurrDax\_Amp\_G\_f32[0] CDD\_MtrCurrDax\_Amp\_G\_f32[1] -220 -220 ± 0.03 6.01274014 CDD\_MtrCurrK1\_Amps\_G\_f32[0] 6 01274014 + 32 CDD\_MtrCurrK1\_Amps\_G\_f32[1] 536.40625 536.406189 ± 32 CDD\_MtrCurrK2\_Amps\_G\_f32[0] -200 012741 -200 012741 + 32 CDD\_MtrCurrK2\_Amps\_G\_f32[1] 1.9814868 1.98150444 ± 32

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	3565
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

-140.012741

220

-140.012741 ± 0.03

220 ± 0.03

CDD MtrCurrQax\_Amp\_G\_f32[0]

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





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	4.59762669		
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]	0.267349243	0.267349243 ± 0.0000152587890625	-
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0135043999	0.0135043999 ± 0.0000152587890625	<b>✓</b>
CDD_ElecPosDelayComp_Rad_G_f32	0.0126422085	0.0126422085 ± 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]	-220	-220 ± 0.03	<b>✓</b>
CDD MtrCurrDax Amp G f32[1]	125.012993	125.012993 ± 0.03	-
CDD_MtrCurrK1_Amps_G_f32[0]	331.000702	331.000702 ± 32	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[1]	27.0129948	27.0129948 ± 32	-
CDD_MtrCurrK2_Amps_G_f32[0]	-201.098038	-201.098038 ± 32	<b>✓</b>
CDD_MtrCurrK2_Amps_G_f32[1]	125.012993	125.012993 ± 32	-
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 0.03	•
CDD_MtrCurrQax_Amp_G_f32[1]	25.0129948	25.0129948 ± 0.03	-

Test Step 2.51 (Repeat Count = 1)	· · · · · · · · · · · · · · · · · · ·
Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	1408
Adc2_GetPhsCCurr_Cnt_u16_m	352
CDD_ADC2OffsetComp_Cnt_G_u8p8	11520
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0540000014
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0137592005
CDD_DCPhsBComp_Cnt_G_u16p0	3664
CDD_DCPhsCComp_Cnt_G_u16p0	4104
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-44.3499985
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	90.3499985
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0240000002
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.023
CDD_MtrCurr1_Volts_G_f32[0]	2.01324964
CDD_MtrCurr1_Volts_G_f32[1]	1.01324964
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0240000002
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.023
CDD_MtrCurr2_Volts_G_f32[0]	1.01324964
CDD_MtrCurr2_Volts_G_f32[1]	2.01324964
CDD_MtrCurrDax_Amp_G_f32[0]	-160.013245
CDD_MtrCurrDax_Amp_G_f32[1]	120.013252
CDD_MtrCurrK1_Amps_G_f32[0]	8.0132494
CDD_MtrCurrK1_Amps_G_f32[1]	29.0132504
CDD_MtrCurrK2_Amps_G_f32[0]	-160.013245
CDD_MtrCurrK2_Amps_G_f32[1]	120.013252

2016-07-24, 13:53:17+0530





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	2.17562199		
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]	0.126159668	0.126159668 ± 0.0000152587890625	•
CDD_ElecPosDelayComp_Rad_G_f32	-0.00323237595	-0.00323237595 ± 0.0000152587890625	-
CDD_MtrCurr1_Volts_G_f32[0]	2.01324964	2.01324964 ± 32	•
CDD_MtrCurr1_Volts_G_f32[1]	1.66422474	1.66422474 ± 32	-
CDD_MtrCurr2_Volts_G_f32[0]	1.01324964	1.01324964 ± 32	•
CDD_MtrCurr2_Volts_G_f32[1]	0.374847382	0.374847382 ± 32	-
CDD_MtrCurrDax_Amp_G_f32[0]	-160.013245	-160.013245 ± 0.03	•
CDD_MtrCurrDax_Amp_G_f32[1]	220	220 ± 0.03	•
CDD_MtrCurrK1_Amps_G_f32[0]	8.0132494	8.0132494 ± 32	•
CDD_MtrCurrK1_Amps_G_f32[1]	2329.20361	2329.20361 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[0]	-160.013245	-160.013245 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[1]	-600.026367	-600.026367 ± 32	•
CDD_MtrCurrQax_Amp_G_f32[0]	-200.013245	-200.013245 ± 0.03	•
CDD_MtrCurrQax_Amp_G_f32[1]	220	220 ± 0.03	-

Test Step 2.52 (Repeat Count = 1)	
Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	1419
Adc2_GetPhsCCurr_Cnt_u16_m	421
CDD_ADC2OffsetComp_Cnt_G_u8p8	12288
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0549999997
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0140140001
CDD_DCPhsBComp_Cnt_G_u16p0	3466
CDD_DCPhsCComp_Cnt_G_u16p0	3884
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-52.375
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	84.375
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.023
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0219999999
CDD_MtrCurr1_Volts_G_f32[0]	0.0135043999
CDD_MtrCurr1_Volts_G_f32[1]	2.01350451
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.023
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0219999999
CDD_MtrCurr2_Volts_G_f32[0]	0.0135043999
CDD_MtrCurr2_Volts_G_f32[1]	1.01350439
CDD_MtrCurrDax_Amp_G_f32[0]	-140.013504
CDD_MtrCurrDax_Amp_G_f32[1]	63.013504
CDD_MtrCurrK1_Amps_G_f32[0]	6.01350451
CDD_MtrCurrK1_Amps_G_f32[1]	26.013504
CDD_MtrCurrK2_Amps_G_f32[0]	-140.013504
CDD_MtrCurrK2_Amps_G_f32[1]	63.013504
CDD_MtrCurrQax_Amp_G_f32[0]	-180.013504
CDD_MtrCurrQax_Amp_G_f32[1]	125.013504
CDD_MtrElecPol_Cnt_G_s8	-1
CDD_Vecu_Volt_G_f32[0]	5.75
CDD_Vecu_Volt_G_f32[1]	12.8199997
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	7.999998e-005
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	4.4000003e-005
MtrPos_CorrectedMtrPos_Rev_G_u0p16	15598
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_MtrCurrOffLoComOff_Cnt_u16	830

© Report created by TESSY V3.1.13, report template V2.1





Name	Input Value		
k_MtrPosComputDelay_Sec_f32	6.80000012e-005		
k_NoofPoles_Uls_f32	3.3035264		
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]	0.322845459	0.322845459 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0140140001	0.0140140001 ± 0.0000152587890625	<b>✓</b>
CDD_ElecPosDelayComp_Rad_G_f32	0.00947699137	0.00947699137 ± 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	•
CDD_MtrCurr2_Volts_G_f32[1]	1.01350439	1.01350439 ± 32	~
CDD_MtrCurrDax_Amp_G_f32[0]	-220	-220 ± 0.03	•
CDD_MtrCurrDax_Amp_G_f32[1]	63.013504	63.013504 ± 0.03	~
CDD_MtrCurrK1_Amps_G_f32[0]	690.873779	690.873779 ± 32	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[1]	26.013504	26.013504 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-34.5778694	-34.5778885 ± 32	<b>✓</b>
CDD_MtrCurrK2_Amps_G_f32[1]	63.013504	63.013504 ± 32	~
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 0.03	<b>~</b>
CDD_MtrCurrQax_Amp_G_f32[1]	125.013504	125.013504 ± 0.03	~

Name	Input Value		
Adc2_GetPhsBCurr_Cnt_u16_m	1430		
Adc2_GetPhsCCurr_Cnt_u16_m	124		
CDD_ADC2OffsetComp_Cnt_G_u8p8	13056		
CDD AppDataFwdPthAccessBfr Cnt G u16	0		
CDD CDDDataAccessBfr Cnt G u16	1		
CDD CorrMtrPosElec Rev G f32[0]	0.0560000017		
CDD CorrMtrPosElec Rev G f32[1]	0.0142687997		
CDD_DCPhsBComp_Cnt_G_u16p0	3664		
CDD DCPhsCComp Cnt G u16p0	4104		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-44.4000015		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	91.4000015		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.021999999		
CDD MtrCurr1TempOffset Volt G f32[1]	-0.0209999997		
CDD_MtrCurr1_Volts_G_f32[0]	1.01375926		
CDD_MtrCurr1_Volts_G_f32[1]	2.01375914		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0219999999		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0209999997		
CDD MtrCurr2 Volts G f32[0]	1.01375926		
CDD_MtrCurr2_Volts_G_f32[1]	2.01375914		
CDD_MtrCurrDax_Amp_G_f32[0]	-120.013756		
CDD_MtrCurrDax_Amp_G_f32[1]	25.0137596		
CDD_MtrCurrK1_Amps_G_f32[0]	7.01375914		
CDD_MtrCurrK1_Amps_G_f32[1]	28.0137596		
CDD_MtrCurrK2_Amps_G_f32[0]	-120.013756		
CDD_MtrCurrK2_Amps_G_f32[1]	25.0137596		
CDD_MtrCurrQax_Amp_G_f32[0]	-160.013763		
CDD_MtrCurrQax_Amp_G_f32[1]	120.013756		
CDD_MtrElecPol_Cnt_G_s8	1		
CDD_Vecu_Volt_G_f32[0]	6.76000023		
CDD_Vecu_Volt_G_f32[1]	13.8299999		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	6.19999992e-005		
CmMtrCurr MtrCurr2OffDelta VoltpVoltCnt M f32	0		
MtrPos CorrectedMtrPos Rev G u0p16	17433		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	840		
k_MtrPosComputDelay_Sec_f32	6.90000015e-005		
k_NoofPoles_Uls_f32	4.8907547		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.8999998		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	113.400002		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	105.400002		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.38700008		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resu
CDD CorrMtrPosElec Rev G f32[0]	0.0560000017	0.0560000017 ± 0.0000152587890625	
CDD CorrMtrPosElec Rev G f32[1]	0.181488037	0.181488037 ± 0.0000152587890625	





Name	Actual Value	Expected Value	Result
CDD_ElecPosDelayComp_Rad_G_f32	-0.00749165844	-0.00749165844 ± 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	<b>✓</b>
CDD_MtrCurr2_Volts_G_f32[1]	0.0891330913	0.0891330913 ± 32	~
CDD_MtrCurrDax_Amp_G_f32[0]	-120.013756	-120.013756 ± 0.03	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[1]	209.181183	209.181183 ± 0.03	~
CDD_MtrCurrK1_Amps_G_f32[0]	7.01375914	7.01375914 ± 32	~
CDD_MtrCurrK1_Amps_G_f32[1]	396.122742	396.122772 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-120.013756	-120.013756 ± 32	<b>✓</b>
CDD_MtrCurrK2_Amps_G_f32[1]	48.2837944	48.2837677 ± 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		
	0.057		
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.037		
CDD_CorrMtrPosElec_Rev_G_f32[1]	3763		
CDD_DCPhsBComp_Cnt_G_u16p0	4214		
CDD_DCPhsCComp_Cnt_G_u16p0			
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-52.4249992		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	85.4250031		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0209999997		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0199999996		
CDD_MtrCurr1_Volts_G_f32[0]	2.01401401		
CDD_MtrCurr1_Volts_G_f32[1]	1.01401401		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0209999997		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.00200000009		
CDD_MtrCurr2_Volts_G_f32[0]	2.01401401		
CDD_MtrCurr2_Volts_G_f32[1]	1.01401401		
CDD_MtrCurrDax_Amp_G_f32[0]	-200.014008		
CDD_MtrCurrDax_Amp_G_f32[1]	198.014008		
CDD_MtrCurrK1_Amps_G_f32[0]	8.01401424		
CDD_MtrCurrK1_Amps_G_f32[1]	30.0140133		
CDD_MtrCurrK2_Amps_G_f32[0]	-200.014008		
CDD_MtrCurrK2_Amps_G_f32[1]	198.014008		
CDD_MtrCurrQax_Amp_G_f32[0]	-140.014008		
CDD_MtrCurrQax_Amp_G_f32[1]	63.0140152		
CDD_MtrElecPol_Cnt_G_s8	-1		
CDD_Vecu_Volt_G_f32[0]	7.76999998		
CDD_Vecu_Volt_G_f32[1]	14.8400002		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	6.29999995e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	0.000171428997		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	19268		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	850		
k_MtrPosComputDelay_Sec_f32	7.00000019e-005		
k_NoofPoles_Uls_f32	2.0648644		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	114.425003		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	107.425003		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.38800001		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value E	xpected Value	Resu
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.378311157	.378311157 ± 0.0000152587890625	
CDD CorrMtrPosElec Rev G f32[1]		.0145236002 ± 0.0000152587890625	
CDD_ElecPosDelayComp_Rad_G_f32		.00617368706 ± 0.0000152587890625	
CDD_MtrCurr1_Volts_G_f32[0]		69352877 ± 32	
CDD_MtrCurr1_Volts_G_f32[1]		.01401401 ± 32	
CDD_MtrCurr2_Volts_G_f32[0]		190476194 ± 32	
CDD_MtrCurr2_Volts_G_f32[1]		.01401401 ± 32	
CDD MtrCurrDax Amp G f32[0]		220 ± 0.03	
CDD_MtrCurrDax_Amp_G_f32[1]		98.014008 ± 0.03	
CDD MtrCurrK1 Amps G f32[0]		499.6084 ± 32	
CDD_MtrCurrK1_Amps_G_i32[i]		0.0140133 ± 32	
CDD_MtrCurrK2_Amps_G_f32[0]	- <del>-</del> 400.11203	168.112091 ± 32	

2016-07-24, 13:53:17+0530



CurrDQPer1

Name	Actual Value	Expected Value	Result
CDD_MtrCurrK2_Amps_G_f32[1]	198.014008	198.014008 ± 32	<b>✓</b>
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 0.03	<b>✓</b>
CDD MtrCurrQax Amp G f32[1]	63.0140152	63.0140152 ± 0.03	<b>✓</b>

Test Step 2.55 (Repeat Count = 1)			-
Name	Input Value		
	•		
Add2_GetPhsBCurr_Cnt_u16_m	1452		
Adc2_GetPhsCCurr_Cnt_u16_m CDD_ADC2OffsetComp_Cat_G_u8a8	218 14592		
CDD_ADC2OffsetComp_Cnt_G_u8p8 CDD AppDataFwdPthAccessBfr Cnt G u16	0		
	1		
CDD_CDDDataAccessBfr_Cnt_G_u16 CDD CorrMtrPosElec Rev G f32[0]	0.0579999983		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0379999983		
	840		
CDD_DCPhsBComp_Cnt_G_u16p0 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]	-0.00899999961		
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	5.06752682		
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]	0.237411499	0.237411499 ± 0.0000152587890625	•
CDD_ElecPosDelayComp_Rad_G_f32	-0.00799643062	-0.00799643062 ± 0.0000152587890625	
CDD_MtrCurr1_Volts_G_f32[0]	2.01426888	2.01426888 ± 32	•
CDD_MtrCurr1_Volts_G_f32[1]	1.70329678	1.70329678 ± 32	
CDD_MtrCurr2_Volts_G_f32[0]	1.01426876	1.01426876 ± 32	•
CDD_MtrCurr2_Volts_G_f32[1]	0.1965812	0.1965812 ± 32	•
CDD_MtrCurrDax_Amp_G_f32[0]	-180.014267	-180.014267 ± 0.03	•
CDD_MtrCurrDax_Amp_G_f32[1]	130.877014	130.877014 ± 0.03	
CDD_MtrCurrK1_Amps_G_f32[0]	3.01426888	3.01426888 ± 32	
CDD_MtrCurrK1_Amps_G_f32[1]	276.176727	276.176727 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[0]	-180.014267	-180.014267 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[1]	109.397392	109.397385 ± 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		
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	3961		
CDD_DCPhsCComp_Cnt_G_u16p0	4434		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	1.47500002		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	15.4750004		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0189999994		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0179999992		
CDD_MtrCurr1_Volts_G_f32[0]	2.01452351		
CDD_MtrCurr1_Volts_G_f32[1]	1.01452363		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0189999994		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0179999992		
CDD_MtrCurr2_Volts_G_f32[0]	2.01452351		
CDD_MtrCurr2_Volts_G_f32[1]	1.01452363		
CDD_MtrCurrDax_Amp_G_f32[0]	-160.014526		
CDD_MtrCurrDax_Amp_G_f32[1]	120.014526		
CDD_MtrCurrK1_Amps_G_f32[0]	4.01452351		
CDD_MtrCurrK1_Amps_G_f32[1]	18.0145245		
CDD_MtrCurrK2_Amps_G_f32[0]	-160.014526		
CDD_MtrCurrK2_Amps_G_f32[1]	120.014526		
CDD_MtrCurrQax_Amp_G_f32[0]	-120.014526		
CDD_MtrCurrQax_Amp_G_f32[1]	25.0145245		
CDD_MtrElecPol_Cnt_G_s8	-1		
CDD Vecu Volt G f32[0]	9.78999996		
CDD_Vecu_Volt_G_f32[1]	16.8600006		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	6.50000002e-005		
CmMtrCurr MtrCurr2OffDelta VoltpVoltCnt M f32	6.19999992e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	1442		
Rte Inst Sa CmMtrCurr	tgt Rte Inst Sa CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	870		
k_MtrPosComputDelay_Sec_f32	0.000106		
k_NoofPoles_Uls_f32	3.223979		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	2.2000005		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	68.4749985		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	49.4749985		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.42400002		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.105377197	0.105377197 ± 0.0000152587890625	result
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0150332004	0.0150332004 ± 0.0000152587890625	-
CDD ElecPosDelayComp Rad G f32	0.000252034573		
CDD_MtrCurr1_Volts_G_f32[0]	2.16971922	0.000252034573 ± 0.0000152587890625 2.16971922 ± 32	-
	1.01452363	1.01452363 ± 32	
CDD_MtrCurr1_Volts_G_f32[1] CDD MtrCurr2 Volts G f32[0]	0.512820542	0.512820542 ± 32	-
CDD_MtrCurr2_Volts_G_f32[1]	1.01452363	1.01452363 ± 32	
CDD_MtrCurrDax_Amp_G_f32[0]	220	220 ± 0.03	~
CDD_MtrCurrDax_Amp_G_f32[1]	120.014526	120.014526 ± 0.03	<b>*</b>
CDD_MtrCurrK1_Amps_G_f32[0]	336.103546	336.103577 ± 32	<b>V</b>
CDD_MtrCurrK1_Amps_G_f32[1]	18.0145245	18.0145245 ± 32	<b>V</b>
CDD_MtrCurrK2_Amps_G_f32[0]	-37.6338539	-37.633873 ± 32	<b>V</b>
CDD_MtrCurrK2_Amps_G_f32[1]	120.014526	120.014526 ± 32	<b>V</b>
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 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	4060	
CDD_DCPhsCComp_Cnt_G_u16p0	4544	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	2.5	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	18.5	





Name	Input Value		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0219999999		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0219999999		
CDD_MtrCurr1_Volts_G_f32[0]	2.01477838		
CDD_MtrCurr1_Volts_G_f32[1]	1.01477838		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0219999999		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0219999999		
CDD_MtrCurr2_Volts_G_f32[0]	1.01477838		
CDD_MtrCurr2_Volts_G_f32[1]	2.01477838		
CDD_MtrCurrDax_Amp_G_f32[0]	-140.014786		
CDD_MtrCurrDax_Amp_G_f32[1]	63.0147781		
CDD_MtrCurrK1_Amps_G_f32[0]	3.01477838		
CDD_MtrCurrK1_Amps_G_f32[1]	10.0147781		
CDD_MtrCurrK2_Amps_G_f32[0]	-140.014786		
CDD_MtrCurrK2_Amps_G_f32[1]	63.0147781		
CDD_MtrCurrQax_Amp_G_f32[0]	-140.014786		
CDD_MtrCurrQax_Amp_G_f32[1]	63.0147781		
CDD_MtrElecPol_Cnt_G_s8	1		
CDD_Vecu_Volt_G_f32[0]	10.8000002		
CDD_Vecu_Volt_G_f32[1]	17.8700008		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	6.60000005e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	6.2999995e-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	5.39541674		
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	I=	1
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.059999987	0.0599999987 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.94152832	0.94152832 ± 0.0000152587890625	•
CDD_ElecPosDelayComp_Rad_G_f32	0.00534011377	0.00534011377 ± 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	1.01477838 ± 32	_
CDD_MtrCurr2_Volts_G_f32[1]	0.518925548	0.518925548 ± 32	
CDD_MtrCurrDax_Amp_G_f32[0]	-140.014786	-140.014786 ± 0.03	_
CDD_MtrCurrDax_Amp_G_f32[1]	220	220 ± 0.03	•
CDD_MtrCurrK1_Amps_G_f32[0]	3.01477838	3.01477838 ± 32	•
CDD_MtrCurrK1_Amps_G_f32[1]	574.815979	574.815979 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[0]	-140.014786	-140.014786 ± 32	
CDD_MtrCurrK2_Amps_G_f32[1]	18.5313702 -140.014786	18.5313702 ± 32 -140.014786 ± 0.03	Ž
CDD_MtrCurrQax_Amp_G_f32[0]	-140.014786		
CDD_MtrCurrQax_Amp_G_f32[1]	-220	-220 ± 0.03	

Test Step 2.58 (Repeat Count = 1)	· ·
Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	1859
Adc2_GetPhsCCurr_Cnt_u16_m	495
CDD_ADC2OffsetComp_Cnt_G_u8p8	16896
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0610000007
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0155427996
CDD_DCPhsBComp_Cnt_G_u16p0	750
CDD_DCPhsCComp_Cnt_G_u16p0	698
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

CurrDQPer1

2016-07-24, 13:53:17+0530



Input Value CDD\_MtrCurrK1\_Amps\_G\_f32[0] 4.01503325 CDD\_MtrCurrK1\_Amps\_G\_f32[1] 19.0150337 CDD\_MtrCurrK2\_Amps\_G\_f32[0] -140.01503 CDD\_MtrCurrK2\_Amps\_G\_f32[1] 63.0150337 CDD\_MtrCurrQax\_Amp\_G\_f32[0] -120.01503 CDD\_MtrCurrQax\_Amp\_G\_f32[1] 25.0150337 CDD\_MtrElecPol\_Cnt\_G\_s8 -1 CDD\_Vecu\_Volt\_G\_f32[0] 11.8100004 CDD\_Vecu\_Volt\_G\_f32[1] 18.8799992  $CmMtrCurr\_MtrCurr1OffDelta\_VoltpVoltCnt\_M\_f32$ 1 49999996e-005 CmMtrCurr\_MtrCurr2OffDelta\_VoltpVoltCnt\_M\_f32 6.39999998e-005 MtrPos\_CorrectedMtrPos\_Rev\_G\_u0p16 1704 Rte\_Inst\_Sa\_CmMtrCurr tgt\_Rte\_Inst\_Sa\_CmMtrCurr k MtrCurrOffLoComOff\_Cnt\_u16 890 k\_MtrPosComputDelay\_Sec\_f32 0.000108 5.24843407 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] 0.109405518  $0.109405518 \pm 0.0000152587890625$ CDD\_CorrMtrPosElec\_Rev\_G\_f32[1] 0.0155427996  $0.0155427996 \pm 0.0000152587890625$ CDD\_ElecPosDelayComp\_Rad\_G\_f32 0.00043220853 0.00043220853 ± 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] 51.2396202 51.2396202 ± 0.03 CDD\_MtrCurrDax\_Amp\_G\_f32[1] 63.0150337  $63.0150337 \pm 0.03$ CDD\_MtrCurrK1\_Amps\_G\_f32[0] 103.302841 103.302841 ± 32 CDD\_MtrCurrK1\_Amps\_G\_f32[1] 19 0150337 19 0150337 + 32 CDD\_MtrCurrK2\_Amps\_G\_f32[0] -45.0750427 -45.0750427 ± 32 CDD\_MtrCurrK2\_Amps\_G\_f32[1] 63.0150337 63.0150337 ± 32 CDD\_MtrCurrQax\_Amp\_G\_f32[0] 100.387939 100.387939 ± 0.03

25.0150337

25.0150337 ± 0.03

Test Step 2.59 (Repeat Count = 1)	
Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	1804
Adc2_GetPhsCCurr_Cnt_u16_m	458
CDD_ADC2OffsetComp_Cnt_G_u8p8	17664
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.061999999
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0157976002
CDD_DCPhsBComp_Cnt_G_u16p0	4258
CDD_DCPhsCComp_Cnt_G_u16p0	4764
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	2.54999995
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	16.5499992
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0199999996
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0199999996
CDD_MtrCurr1_Volts_G_f32[0]	2.01095629
CDD_MtrCurr1_Volts_G_f32[1]	1.01095641
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.00100000005
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.00200000009
CDD_MtrCurr2_Volts_G_f32[0]	2.01095629
CDD_MtrCurr2_Volts_G_f32[1]	1.01095641
CDD_MtrCurrDax_Amp_G_f32[0]	-120.015289
CDD_MtrCurrDax_Amp_G_f32[1]	25.0152874
CDD_MtrCurrK1_Amps_G_f32[0]	7.01528788
CDD_MtrCurrK1_Amps_G_f32[1]	28.0152874
CDD_MtrCurrK2_Amps_G_f32[0]	-120.015289
CDD_MtrCurrK2_Amps_G_f32[1]	25.0152874
CDD_MtrCurrQax_Amp_G_f32[0]	-180.015289
CDD_MtrCurrQax_Amp_G_f32[1]	125.015289
CDD_MtrElecPol_Cnt_G_s8	1
CDD_Vecu_Volt_G_f32[0]	12.8199997
CDD_Vecu_Volt_G_f32[1]	27.7000008
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	1.6e-005

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

CurrDQPer1

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

2016-07-24, 13:53:17+0530



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 4.24585629 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] 0.933258057  $0.933258057 \pm 0.0000152587890625$ CDD ElecPosDelayComp\_Rad\_G\_f32 0.00361884944 0.00361884921 + 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] 220 ± 0.03 220 CDD\_MtrCurrK1\_Amps\_G\_f32[0] 7.01528788 7.01528788 ± 32 CDD\_MtrCurrK1\_Amps\_G\_f32[1] 492.525848 492.525879 ± 32 CDD\_MtrCurrK2\_Amps\_G\_f32[0] -120.015289 ± 32 -120.015289 CDD\_MtrCurrK2\_Amps\_G\_f32[1] 194.089096 194.089111 ± 32 CDD\_MtrCurrQax\_Amp\_G\_f32[0] -180.015289 -180.015289 ± 0.03

-220 ± 0.03

· ·
Input Value
1815
465
18432
0
0
0.063000001
0.0160524007
4357
4874
1.57500005
14.5749998
-0.0189999994
-0.0189999994
0.0155427996
4.01554298
-0.0189999994
-0.0189999994
0.0155427996
4.01554298
-200.015549
198.015549
8.01554298
30.015543
-200.015549
198.015549
-160.015549
120.015541
-1
13.8299999
28.7099991
1.7000003e-005
6.6000005e-005
1180
tgt_Rte_Inst_Sa_CmMtrCurr
910
0.000103999999
3.36197019
2
64.5749969
47.5750008
2.42199993





Name	Input Value		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.101379395	0.101379395 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0160524007	0.0160524007 ± 0.0000152587890625	~
CDD_ElecPosDelayComp_Rad_G_f32	0.000275345345	0.000275345374 ± 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	<b>✓</b>
CDD_MtrCurr2_Volts_G_f32[1]	4.01554298	4.01554298 ± 32	<b>~</b>
CDD_MtrCurrDax_Amp_G_f32[0]	170.537689	170.537689 ± 0.03	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[1]	198.015549	198.015549 ± 0.03	<b>~</b>
CDD_MtrCurrK1_Amps_G_f32[0]	306.459778	306.459778 ± 32	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[1]	30.015543	30.015543 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-127.481812	-127.481804 ± 32	<b>✓</b>
CDD_MtrCurrK2_Amps_G_f32[1]	198.015549	198.015549 ± 32	<b>~</b>
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 0.03	~
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	4456	
CDD_DCPhsCComp_Cnt_G_u16p0	4984	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	2.5999999	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	17.6000004	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0219999999	
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.023	
CDD_MtrCurr1_Volts_G_f32[0]	1.01579762	
CDD_MtrCurr1_Volts_G_f32[1]	2.01579762	
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0219999999	
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.023	
CDD_MtrCurr2_Volts_G_f32[0]	1.01579762	
CDD_MtrCurr2_Volts_G_f32[1]	2.01579762	
CDD_MtrCurrDax_Amp_G_f32[0]	-180.015793	
CDD_MtrCurrDax_Amp_G_f32[1]	125.0158	
CDD_MtrCurrK1_Amps_G_f32[0]	3.01579762	
CDD_MtrCurrK1_Amps_G_f32[1]	9.01579762	
CDD_MtrCurrK2_Amps_G_f32[0]	-180.015793	
CDD_MtrCurrK2_Amps_G_f32[1]	125.0158	
CDD_MtrCurrQax_Amp_G_f32[0]	-140.015793	
CDD_MtrCurrQax_Amp_G_f32[1]	63.0157967	
CDD_MtrElecPol_Cnt_G_s8	1	
CDD_Vecu_Volt_G_f32[0]	14.8400002	
CDD_Vecu_Volt_G_f32[1]	29.7199993	
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	1.80000006e-005	
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	1.4999996e-005	
MtrPos_CorrectedMtrPos_Rev_G_u0p16	1311	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
_MtrCurrOffLoComOff_Cnt_u16	920	
<pre>&lt;_MtrPosComputDelay_Sec_f32</pre>	0.000104999999	
_NoofPoles_Uls_f32	4.78002453	
gt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	2.0999999	
gt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	66.5999985	
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
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.064000003	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.004000003 0.004000003 ± 0.0000152587890625 0.93737793 ± 0.0000152587890625	
CDD_ElecPosDelayComp_Rad_G_f32	0.00441674283	
CDD_MtrCurr1_Volts_G_f32[0] CDD_MtrCurr1_Volts_G_f32[1]	1.01579762 1.01579762 ± 32 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	





Name	Actual Value	Expected Value	Result
CDD_MtrCurrDax_Amp_G_f32[1]	220	220 ± 0.03	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[0]	3.01579762	3.01579762 ± 32	✓
CDD_MtrCurrK1_Amps_G_f32[1]	302.99353	302.99353 ± 32	<b>✓</b>
CDD_MtrCurrK2_Amps_G_f32[0]	-180.015793	-180.015793 ± 32	✓
CDD_MtrCurrK2_Amps_G_f32[1]	34.151165	34.1511765 ± 32	✓
CDD_MtrCurrQax_Amp_G_f32[0]	-140.015793	-140.015793 ± 0.03	✓
CDD_MtrCurrQax_Amp_G_f32[1]	-147.706726	-147.706757 ± 0.03	<b>✓</b>

Test Step 2.62 (Repeat Count = 1)			v
Name	Input Value		
Adc2_GetPhsBCurr_Cnt_u16_m	1430		
Adc2_GetPhsCCurr_Cnt_u16_m	203		
CDD_ADC2OffsetComp_Cnt_G_u8p8	19968		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0		
CDD_CDDDataAccessBfr_Cnt_G_u16	1		
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0649999976		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0165619999		
CDD_DCPhsBComp_Cnt_G_u16p0	0		
CDD_DCPhsCComp_Cnt_G_u16p0	800		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-44.625		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	91.625		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0209999997		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0040000019		
CDD_MtrCurr1_Volts_G_f32[0]	1.01605237		
CDD_MtrCurr1_Volts_G_f32[1]	2.01605248		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0209999997		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0040000019		
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	1.89999992e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	1.6e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	17433		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	930		
k_MtrPosComputDelay_Sec_f32	6.9000015e-005		
k_NoofPoles_Uls_f32	3.34244037		
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	Resul
CDD CorrMtrPosElec Rev G f32[0]	0.0649999976	0.0649999976 ± 0.0000152587890625	110001
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.348510742	0.348510742 ± 0.0000152587890625	
CDD_ElecPosDelayComp_Rad_G_f32	-0.00514589623	-0.00514589576 ± 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]	-220	-220 ± 0.03	
CDD_MtrCurrK1_Amps_G_f32[0]	7.01605225	7.01605225 ± 32	
		7.01605225 ± 32 224.412521 ± 32	
CDD_MtrCurrK1_Amps_G_f32[1] CDD_MtrCurrK2_Amps_G_f32[0]	224.412537		
CDD_MtrCurrK2_Amps_G_f32[0] CDD_MtrCurrK3_Amps_G_f32[1]	-120.016052	-120.016052 ± 32	
CDD_MtrCurrQx_Amps_G_f32[1]	-136.369186	-136.369171 ± 32	
CDD_MtrCurrQax_Amp_G_f32[0]	-160.016052	-160.016052 ± 0.03	
CDD_MtrCurrQax_Amp_G_f32[1]	103.659912	103.659904 ± 0.03	





Test Step 2.63 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
Adc2_GetPhsBCurr_Cnt_u16_m	1441		
Adc2_GetPhsCCurr_Cnt_u16_m	1441		
CDD_ADC2OffsetComp_Cnt_G_u8p8	20736		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1		
CDD_CDDDataAccessBfr_Cnt_G_u16	0		
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0659999996		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0168168005		
CDD_DCPhsBComp_Cnt_G_u16p0	7150		
CDD_DCPhsCComp_Cnt_G_u16p0	834		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-52.6500015		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	85.6500015		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0199999996		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0209999997		
CDD_MtrCurr1_Volts_G_f32[0]	2.01630712		
CDD_MtrCurr1_Volts_G_f32[1]	1.01630723		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.00200000009		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0209999997		
CDD_MtrCurr2_Volts_G_f32[0]	2.01630712		
CDD_MtrCurr2_Volts_G_f32[1]	1.01630723		
CDD_MtrCurrDax_Amp_G_f32[0]	-200.016312		
CDD_MtrCurrDax_Amp_G_f32[1]	198.016312		
CDD_MtrCurrK1_Amps_G_f32[0]	8.01630688		
CDD_MtrCurrK1_Amps_G_f32[1]	30.0163078		
CDD_MtrCurrK2_Amps_G_f32[0]	-200.016312		
CDD_MtrCurrK2_Amps_G_f32[1]	198.016312		
CDD_MtrCurrQax_Amp_G_f32[0]	-140.016312		
CDD_MtrCurrQax_Amp_G_f32[1]	63.0163078		
CDD_MtrElecPol_Cnt_G_s8	1		
CDD_Vecu_Volt_G_f32[0]	16.8600006		
CDD_Vecu_Volt_G_f32[1]	31		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	1.9999995e-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	7.00000019e-005		
k_NoofPoles_Uls_f32	3.50456953		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	114.650002		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	107.650002		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.38800001		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal	I=	1
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.212356567	0.212356567 ± 0.0000152587890625	•
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0168168005	0.0168168005 ± 0.0000152587890625	•
CDD_ElecPosDelayComp_Rad_G_f32	0.0105058234	0.0105058234 ± 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]	-100.543533	-100.543533 ± 0.03	•
CDD_MtrCurrDax_Amp_G_f32[1]	198.016312	198.016312 ± 0.03	•
CDD_MtrCurrK1_Amps_G_f32[0]	547.968933	547.968872 ± 32	•
CDD_MtrCurrK1_Amps_G_f32[1]	30.0163078	30.0163078 ± 32	
CDD_MtrCurrK2_Amps_G_f32[0]	-235.500977	-235.500977 ± 32	_
CDD_MtrCurrK2_Amps_G_f32[1]	198.016312 220	198.016312 ± 32	
CDD_MtrCurrQax_Amp_G_f32[0] CDD_MtrCurrQax_Amp_G_f32[1]	63.0163078	220 ± 0.03 63.0163078 ± 0.03	Ĭ
ODD_mit-Odit/Qax_Attip_O_to4[1]	03.0103070	03.0103070 ± 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	370





Name	Input Value		
CDD_DCPhsCComp_Cnt_G_u16p0	868		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-44.6749992		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	92.6750031		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0189999994		
CDD MtrCurr1TempOffset Volt G f32[1]	-0.00200000009		
CDD_MtrCurr1_Volts_G_f32[0]	2.01656199		
CDD_MtrCurr1_Volts_G_f32[1]	1.01656199		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0189999994		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.00200000009		
CDD_MtrCurr2_Volts_G_f32[0]	1.01656199		
CDD_MtrCurr2_Volts_G_f32[1]	2.01656199		
CDD_MtrCurrDax_Amp_G_f32[0]	-180.016556		
CDD_MtrCurrDax_Amp_G_f32[1]	125.016563		
CDD_MtrCurrK1_Amps_G_f32[0]	3.01656199		
CDD_MtrCurrK1_Amps_G_f32[1]	9.01656246		
CDD_MtrCurrK2_Amps_G_f32[0]	-180.016556		
CDD_MtrCurrK2_Amps_G_f32[1]	125.016563		
CDD_MtrCurrQax_Amp_G_f32[0]	-120.016563		
CDD_MtrCurrQax_Amp_G_f32[1]	25.0165615		
CDD_MtrElecPol_Cnt_G_s8	-1		
CDD_Vecu_Volt_G_f32[0]	17.8700008		
CDD_Vecu_Volt_G_f32[1]	5.75		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	2.09999998e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	1.80000006e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	21103		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	950		
k_MtrPosComputDelay_Sec_f32	7.10000022e-005		
k_NoofPoles_Uls_f32	5.22677374		
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	<b>✓</b>
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.404022217	0.404022217 ± 0.0000152587890625	<b>✓</b>
CDD_ElecPosDelayComp_Rad_G_f32	-0.00828946754	-0.00828946754 ± 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	•
CDD_MtrCurrDax_Amp_G_f32[1]	-220	-220 ± 0.03	~
CDD_MtrCurrK1_Amps_G_f32[0]	3.01656199	3.01656199 ± 32	•
CDD_MtrCurrK1_Amps_G_f32[1]	261.419403	261.419434 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-180.016556	-180.016556 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[1]	-125.149689	-125.149696 ± 32	~
CDD_MtrCurrQax_Amp_G_f32[0]	-120.016563	-120.016563 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	45.1902847	45.1902695 ± 0.03	<b>✓</b>

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	12	
CDD_DCPhsCComp_Cnt_G_u16p0	0	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	1.70000005	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	15.6999998	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0219999999	
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0240000002	
CDD_MtrCurr1_Volts_G_f32[0]	2.01681685	
CDD_MtrCurr1_Volts_G_f32[1]	4.01681662	
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0219999999	
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0240000002	
CDD_MtrCurr2_Volts_G_f32[0]	2.01681685	

2016-07-24, 13:53:17+0530



CurrDQPer1

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	1.8999992e-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	5.24843407		
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]	0.938751221	0.938751221 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0173263997	0.0173263997 ± 0.0000152587890625	~
CDD_ElecPosDelayComp_Rad_G_f32	0.000472883927	0.000472883927 ± 0.0000152587890625	•
CDD_MtrCurr1_Volts_G_f32[0]	2.13675213	2.13675213 ± 32	~
CDD_MtrCurr1_Volts_G_f32[1]	4.01681662	4.01681662 ± 32	~
CDD_MtrCurr2_Volts_G_f32[0]	0.479853511	0.479853511 ± 32	~
CDD_MtrCurr2_Volts_G_f32[1]	4.01681662	4.01681662 ± 32	~
CDD_MtrCurrDax_Amp_G_f32[0]	27.9888058	27.9888058 ± 0.03	~
CDD_MtrCurrDax_Amp_G_f32[1]	120.016815	120.016815 ± 0.03	~
CDD_MtrCurrK1_Amps_G_f32[0]	54.197773	54.197773 ± 32	~
CDD_MtrCurrK1_Amps_G_f32[1]	18.0168171	18.0168171 ± 32	-
CDD_MtrCurrK2_Amps_G_f32[0]	59.2552223	59.2552223 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[1]	120.016815	120.016815 ± 32	-
CDD_MtrCurrQax_Amp_G_f32[0]	-75.2675705	-75.2675629 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	25.0168171	25.0168171 ± 0.03	-

Test Step 2.66 (Repeat Count = 1)	<u> </u>
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	1
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	4.24585629		
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]	0.9947052	0.9947052 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0007644	0.0007644 ± 0.0000152587890625	<b>✓</b>
CDD_ElecPosDelayComp_Rad_G_f32	0.0064789108	0.0064789108 ± 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	<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	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[0]	431.36319	431.36322 ± 32	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[1]	198.000259	198.000259 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	109.802483	109.802505 ± 32	<b>✓</b>
CDD_MtrCurrK2_Amps_G_f32[1]	25.0002556	25.0002556 ± 32	~
CDD_MtrCurrQax_Amp_G_f32[0]	-124.089584	-124.089607 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	63.0002556	63.0002556 ± 0.03	•

Name	Input Value	
Adc2 GetPhsBCurr Cnt u16 m	1859	
Adc2 GetPhsCCurr Cnt u16 m	495	
CDD ADC2OffsetComp Cnt G u8p8	23808	
CDD AppDataFwdPthAccessBfr Cnt G u16	0	
CDD_CDDDataAccessBfr_Cnt_G_u16	0	
CDD CorrMtrPosElec Rev G f32[0]	0.070000003	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0680000037	
CDD DCPhsBComp Cnt G u16p0	4159	
CDD_DCPhsCComp_Cnt_G_u16p0	4654	
CDD MRFMtrVel MtrRadpS G f32[0]	1.75	
CDD MRFMtrVel MtrRadpS G f32[1]	16.75	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.019999996	
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0219999999	
CDD_MtrCurr1_Volts_G_f32[0]	1.01732635	
CDD MtrCurr1 Volts G f32[1]	2.01732635	
DD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.00200000009	
DD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0219999999	
CDD_MtrCurr2_Volts_G_f32[0]	2.01732635	
CDD_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	
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	2.40000008e-005	
mMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	2.0999998e-005	
htrPos_CorrectedMtrPos_Rev_G_u0p16	1704	
tte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
_MtrCurrOffLoComOff_Cnt_u16	980	
_MtrPosComputDelay_Sec_f32	0.000108	
_NoofPoles_Uls_f32	3.36197019	
gt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.4000001	





Name	Input Value		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	72.75		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	51.75		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.42600012		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.109375	0.109375 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0680000037	0.0680000037 ± 0.0000152587890625	<b>✓</b>
CDD_ElecPosDelayComp_Rad_G_f32	0.000317706174	0.000317706174 ± 0.0000152587890625	~
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	~
CDD_MtrCurr2_Volts_G_f32[1]	1.01732635	1.01732635 ± 32	-
CDD_MtrCurrDax_Amp_G_f32[0]	137.039886	137.039871 ± 0.03	~
CDD_MtrCurrDax_Amp_G_f32[1]	63.0173264	63.0173264 ± 0.03	~
CDD_MtrCurrK1_Amps_G_f32[0]	209.744385	209.744385 ± 32	~
CDD_MtrCurrK1_Amps_G_f32[1]	19.0173264	19.0173264 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-39.5570526	-39.5570526 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[1]	63.0173264	63.0173264 ± 32	~
CDD_MtrCurrQax_Amp_G_f32[0]	163.638458	163.638458 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	25.0173264	25.0173264 ± 0.03	~

Test Step 2.68 (Repeat Count = 1) Name	Input Value		
Adc2_GetPhsBCurr_Cnt_u16_m	1452		
Adc2 GetPhsCCurr Cnt u16 m	218		
CDD ADC2OffsetComp Cnt G u8p8	14592		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0		
CDD CDDDataAccessBfr Cnt G u16	1		
CDD CorrMtrPosElec Rev G f32[0]	0.0579999983		
CDD CorrMtrPosElec Rev G f32[1]	0.0147783998		
CDD_DCPhsBComp_Cnt_G_u16p0	840		
CDD_DCPhsCComp_Cnt_G_u16p0	766		
CDD MRFMtrVel MtrRadpS G f32[0]	-44.4500008		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	92.4499969		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0099999978		
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]	0.0049999989		
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	500		
k_MtrPosComputDelay_Sec_f32	7.10000022e-005		
k_NoofPoles_Uls_f32	4.78002453		
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]	0.237472534	0.237472534 ± 0.0000152587890625	•
CDD_ElecPosDelayComp_Rad_G_f32	-0.00754275965	-0.00754275965 ± 0.0000152587890625	•
CDD_MtrCurr1_Volts_G_f32[0]	2.01426888	2.01426888 ± 32	•
CDD_MtrCurr1_Volts_G_f32[1]	1.70329678	1.70329678 ± 32	

2016-07-24, 13:53:17+0530





Name	Actual Value	Expected Value	Result
CDD_MtrCurr2_Volts_G_f32[0]	1.01426876	1.01426876 ± 32	✓
CDD_MtrCurr2_Volts_G_f32[1]	0.1965812	0.1965812 ± 32	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[0]	-180.014267	-180.014267 ± 0.03	✓
CDD_MtrCurrDax_Amp_G_f32[1]	138.406174	138.406158 ± 0.03	✓
CDD_MtrCurrK1_Amps_G_f32[0]	3.01426888	3.01426888 ± 32	✓
CDD_MtrCurrK1_Amps_G_f32[1]	328.936981	328.93692 ± 32	✓
CDD_MtrCurrK2_Amps_G_f32[0]	-180.014267	-180.014267 ± 32	✓
CDD_MtrCurrK2_Amps_G_f32[1]	112.891045	112.891045 ± 32	<b>✓</b>
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	3961		
CDD_DCPhsCComp_Cnt_G_u16p0	4434		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	1.47500002		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	15.4750004		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0189999994		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0179999992		
CDD_MtrCurr1_Volts_G_f32[0]	2.01452351		
CDD_MtrCurr1_Volts_G_f32[1]	1.01452363		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0189999994		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0179999992		
CDD_MtrCurr2_Volts_G_f32[0]	2.01452351		
CDD_MtrCurr2_Volts_G_f32[1]	1.01452363		
CDD_MtrCurrDax_Amp_G_f32[0]	-160.014526 120.014526		
CDD_MtrCurrDax_Amp_G_f32[1] 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	3.34244037		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.2000005		
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	Resul
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.105377197	0.105377197 ± 0.0000152587890625	•
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0150332004	0.0150332004 ± 0.0000152587890625	
CDD_ElecPosDelayComp_Rad_G_f32	0.000261295267	0.000261295267 ± 0.0000152587890625	•
CDD_MtrCurr1_Volts_G_f32[0]	2.16971922	2.16971922 ± 32	
CDD_MtrCurr1_Volts_G_f32[1]	1.01452363	1.01452363 ± 32	•
CDD_MtrCurr2_Volts_G_f32[0]	0.512820542	0.512820542 ± 32	•
CDD_MtrCurr2_Volts_G_f32[1]	1.01452363	1.01452363 ± 32	•
CDD_MtrCurrDax_Amp_G_f32[0]	202.347305	202.34729 ± 0.03	•
CDD_MtrCurrDax_Amp_G_f32[1]	120.014526	120.014526 ± 0.03	•
CDD_MtrCurrK1_Amps_G_f32[0]	289.732819	289.732819 ± 32	•
CDD_MtrCurrK1_Amps_G_f32[1]	18.0145245	18.0145245 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[0]	-42.5601349	-42.5601349 ± 32	
CDD_MtrCurrK2_Amps_G_f32[1]	120.014526	120.014526 ± 32	•
CDD_MtrCurrQax_Amp_G_f32[0]	211.688553	211.688553 ± 0.03	,
CDD MtrCurrQax Amp G f32[1]	25 0145245	25 0145245 + 0 03	

25.0145245

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

25.0145245 ± 0.03



Test Step 2.70 (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]	0.059999987		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.015288		
CDD DCPhsBComp Cnt G u16p0	4060		
CDD_DCPhsCComp_Cnt_G_u16p0	4544		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	2.5		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	18.5		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0219999999		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0219999999		
CDD_MtrCurr1_Volts_G_f32[0]	2.01477838		
CDD_MtrCurr1_Volts_G_f32[1]	1.01477838		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.021999999		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0219999999		
CDD_MtrCurr2_Volts_G_f32[0]	1.01477838		
CDD_MtrCurr2_Volts_G_f32[1]	2.01477838		
CDD_MtrCurrDax_Amp_G_f32[0]	-140.014786		
CDD_MtrCurrDax_Amp_G_f32[1]	63.0147781		
CDD_MtrCurrK1_Amps_G_f32[0]	3.01477838		
CDD_MtrCurrK1_Amps_G_f32[1]	10.0147781		
CDD_MtrCurrK2_Amps_G_f32[0]	-140.014786		
CDD_MtrCurrK2_Amps_G_f32[1]	63.0147781		
CDD MtrCurrQax Amp G f32[0]	-140.014786		
CDD_MtrCurrQax_Amp_G_f32[1]	63.0147781		
CDD_MtrElecPol_Cnt_G_s8	1		
CDD Vecu Volt G f32[0]	10.8000002		
CDD_Vecu_Volt_G_f32[1]	17.8700008		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	6.6000005e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	6.2999995e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	1573		
Rte_Inst_Sa_CmMtrCurr	tgt Rte Inst Sa CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	658		
k MtrPosComputDelay Sec f32	0.000107		
k NoofPoles Uls f32	3.50456953		
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	Resul
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0599999987	0.0599999987 ± 0.0000152587890625	Resul
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.941223145	0.941223145 ± 0.0000152587890625	
CDD_ElecPosDelayComp_Rad_G_f32	0.0034686476	0.0034686476 ± 0.0000152587890625	
CDD MtrCurr1 Volts G f32[0]	2.01477838	2.01477838 ± 32	
CDD_MtrCurr1_Volts_G_f32[0] CDD_MtrCurr1_Volts_G_f32[1]	2.01477838	2.01477838 ± 32 2.17948723 ± 32	
CDD_MtrCurr2_Volts_G_f32[0]	1.01477838		
CDD_MtrCurr2_Volts_G_f32[1]	0.518925548	1.01477838 ± 32 0.518925548 ± 32	
		0.518925548 ± 32 -140.014786 ± 0.03	
CDD_MtrCurrDax_Amp_G_f32[0]	-140.014786		
CDD_MtrCurrIA1_Ampa_C_f32[1]	220	220 ± 0.03	
CDD_MtrCurrK1_Amps_G_f32[0]	3.01477838	3.01477838 ± 32	
CDD_MtrCurrK1_Amps_G_f32[1]	605.896545	605.896545 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[0]	-140.014786	-140.014786 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[1]	15.1610413	15.161006 ± 32	•
CDD_MtrCurrQax_Amp_G_f32[0]	-140.014786	-140.014786 ± 0.03	
CDD_MtrCurrQax_Amp_G_f32[1]	-220	-220 ± 0.03	

Test Step 2.71 (Repeat Count = 1)	✓
Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	1287
Adc2_GetPhsCCurr_Cnt_u16_m	105
CDD_ADC2OffsetComp_Cnt_G_u8p8	0
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0
CDD_CDDDataAccessBfr_Cnt_G_u16	0

CurrDQPer1

2016-07-24, 13:53:17+0530



Input Value CDD\_CorrMtrPosElec\_Rev\_G\_f32[0] 0.0430000015 CDD\_CorrMtrPosElec\_Rev\_G\_f32[1] 0.0109564001 CDD\_DCPhsBComp\_Cnt\_G\_u16p0 2575 CDD\_DCPhsCComp\_Cnt\_G\_u16p0 CDD\_MRFMtrVel\_MtrRadpS\_G\_f32[0] -52.0750008 CDD\_MRFMtrVel\_MtrRadpS\_G\_f32[1] 78.0749969 CDD\_MtrCurr1TempOffset\_Volt\_G\_f32[0] 0.0149999997  $CDD\_MtrCurr1TempOffset\_Volt\_G\_f32[1]$ 0.0160000008 CDD\_MtrCurr1\_Volts\_G\_f32[0] 0.0104467999 CDD\_MtrCurr1\_Volts\_G\_f32[1] 2 01044679 CDD\_MtrCurr2TempOffset\_Volt\_G\_f32[0] 0.00999999978 CDD\_MtrCurr2TempOffset\_Volt\_G\_f32[1] 0.0109999999 CDD\_MtrCurr2\_Volts\_G\_f32[0] 0.0104467999 CDD\_MtrCurr2\_Volts\_G\_f32[1] 1 01044679 CDD\_MtrCurrDax\_Amp\_G\_f32[0] -180.010452 CDD\_MtrCurrDax\_Amp\_G\_f32[1] 125.010445 CDD\_MtrCurrK1\_Amps\_G\_f32[0] 4.01044703 CDD\_MtrCurrK1\_Amps\_G\_f32[1] 6.01044703  $CDD\_MtrCurrK2\_Amps\_G\_f32[0]$ -180.010452 CDD\_MtrCurrK2\_Amps\_G\_f32[1] 125.010445 CDD\_MtrCurrQax\_Amp\_G\_f32[0] -120.010445 CDD\_MtrCurrQax\_Amp\_G\_f32[1] 25.0104465 CDD\_MtrElecPol\_Cnt\_G\_s8 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 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 22677374 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]	0.0844726563	0.0844726563 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0109564001	0.0109564001 ± 0.0000152587890625	~
CDD_ElecPosDelayComp_Rad_G_f32	-0.00762115885	-0.00762115885 ± 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]	547.743713	547.743774 ± 32	~
CDD_MtrCurrK1_Amps_G_f32[1]	6.01044703	6.01044703 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-11.5328341	-11.5328875 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[1]	125.010445	125.010445 ± 32	~
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	25.0104465	25.0104465 ± 0.03	~

Test Step 2.72 (Repeat Count = 1)	🗸
Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	1298
Adc2_GetPhsCCurr_Cnt_u16_m	664
CDD_ADC2OffsetComp_Cnt_G_u8p8	65280
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.043999998
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0112111997
CDD_DCPhsBComp_Cnt_G_u16p0	2674
CDD_DCPhsCComp_Cnt_G_u16p0	3004
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-44.0999985
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	85.099985
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0160000008
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0170000009
CDD_MtrCurr1_Volts_G_f32[0]	1.01070166
CDD_MtrCurr1_Volts_G_f32[1]	4.01070166





Name	Input Value		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.00499999999		
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	4.65923882		
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]	0.0894775391	0.0894775391 ± 0.0000152587890625	<b>✓</b>
CDD_ElecPosDelayComp_Rad_G_f32	0.0113002853	0.0113002844 ± 0.0000152587890625	~
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	~
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	-
CDD_MtrCurrK1_Amps_G_f32[0]	1.01070166	1.01070166 ± 32	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[1]	613.283813	613.283752 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-160.010696	-160.010696 ± 32	<b>~</b>
CDD_MtrCurrK2_Amps_G_f32[1]	-35.1032448	-35.1032257 ± 32	~
CDD_MtrCurrQax_Amp_G_f32[0]	-200.010696	-200.010696 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	220	220 ± 0.03	<b>✓</b>

Test Step 2.73 (Repeat Count = 1)	
Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	1309
Adc2_GetPhsCCurr_Cnt_u16_m	325
CDD_ADC2OffsetComp_Cnt_G_u8p8	8960
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0450000018
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0114660002
CDD_DCPhsBComp_Cnt_G_u16p0	2773
CDD_DCPhsCComp_Cnt_G_u16p0	3114
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-52.125
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	79.125
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0170000009
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0179999992
CDD_MtrCurr1_Volts_G_f32[0]	2.01095629
CDD_MtrCurr1_Volts_G_f32[1]	1.01095641
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.0170000009
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0179999992
CDD_MtrCurr2_Volts_G_f32[0]	1.01095641
CDD_MtrCurr2_Volts_G_f32[1]	2.01095629
CDD_MtrCurrDax_Amp_G_f32[0]	-140.010956
CDD_MtrCurrDax_Amp_G_f32[1]	63.0109558
CDD_MtrCurrK1_Amps_G_f32[0]	2.01095629
CDD_MtrCurrK1_Amps_G_f32[1]	5.01095629
CDD_MtrCurrK2_Amps_G_f32[0]	-140.010956
CDD_MtrCurrK2_Amps_G_f32[1]	63.0109558

CurrDQPer1

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

2016-07-24, 13:53:17+0530



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 3 56399989 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 Actual Value **Expected Value** Result Name CDD\_CorrMtrPosElec\_Rev\_G\_f32[0] 0.255477905 0.255477905 ± 0.0000152587890625  $CDD\_CorrMtrPosElec\_Rev\_G\_f32[1]$ 0.0114660002  $0.0114660002 \pm 0.0000152587890625$ CDD\_ElecPosDelayComp\_Rad\_G\_f32 -0.00538743148 -0.00538743148 ± 0.0000152587890625 CDD\_MtrCurr1\_Volts\_G\_f32[0] 1.5555558 1.55555558 ± 32 CDD\_MtrCurr1\_Volts\_G\_f32[1] 1.01095641 ± 32 1.01095641 0.354090363 ± 32 CDD\_MtrCurr2\_Volts\_G\_f32[0] 0.354090363 CDD\_MtrCurr2\_Volts\_G\_f32[1] 2.01095629 2.01095629 ± 32 CDD\_MtrCurrDax\_Amp\_G\_f32[0] -3.54276085 -3.54276085 ± 0.03 CDD\_MtrCurrDax\_Amp\_G\_f32[1] 63.0109558 63.0109558 ± 0.03 CDD\_MtrCurrK1\_Amps\_G\_f32[0] 678.516052 678.516052 ± 32 CDD\_MtrCurrK1\_Amps\_G\_f32[1] 5.01095629 5.01095629 ± 32 CDD\_MtrCurrK2\_Amps\_G\_f32[0] 19.8180389 19.8180389 ± 32 CDD\_MtrCurrK2\_Amps\_G\_f32[1] 63.0109558 63.0109558 ± 32 CDD\_MtrCurrQax\_Amp\_G\_f32[0] 220 220 ± 0.03

125.010956

 $125.010956 \pm 0.03$ 

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         2575           CDD_DCPhsCComp_Cnt_G_u16p0         2894           CDD_MRFMtrVel_MtrRadpS_G_f32[0]         -52.0750008           CDD_MRFMtrVel_MtrRadpS_G_f32[1]         78.0749969           CDD_MtrCurr1TempOffset_Volt_G_f32[0]         0.0149999997           CDD_MtrCurr1TempOffset_Volt_G_f32[1]         0.0160000008	
Adc2_GetPhsCCurr_Cnt_u16_m       105         CDD_ADC2OffsetComp_Cnt_G_u8p8       0         CDD_AppDataFwdPthAccessBfr_Cnt_G_u16       0         CDD_CDDDataAccessBfr_Cnt_G_u16       0         CDD_CorrMtrPosElec_Rev_G_f32[0]       0.0430000015         CDD_CorrMtrPosElec_Rev_G_f32[1]       0.0109564001         CDD_DCPhsBComp_Cnt_G_u16p0       2575         CDD_DCPhsCComp_Cnt_G_u16p0       2894         CDD_MRFMtrVel_MtrRadpS_G_f32[0]       -52.0750008         CDD_MRFMtrVel_MtrRadpS_G_f32[1]       78.0749969         CDD_MtrCurr1TempOffset_Volt_G_f32[0]       0.0149999997	
CDD_ADC2OffsetComp_Cnt_G_u8p8       0         CDD_AppDataFwdPthAccessBfr_Cnt_G_u16       0         CDD_CDDDataAccessBfr_Cnt_G_u16       0         CDD_CorrMtrPosElec_Rev_G_f32[0]       0.0430000015         CDD_CorrMtrPosElec_Rev_G_f32[1]       0.0109564001         CDD_DCPhsBComp_Cnt_G_u16p0       2575         CDD_DCPhsCComp_Cnt_G_u16p0       2894         CDD_MRFMtrVel_MtrRadpS_G_f32[0]       -52.0750008         CDD_MRFMtrVel_MtrRadpS_G_f32[1]       78.0749969         CDD_MtrCurr1TempOffset_Volt_G_f32[0]       0.0149999997	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16       0         CDD_CDDDataAccessBfr_Cnt_G_u16       0         CDD_CorrMtrPosElec_Rev_G_f32[0]       0.0430000015         CDD_CorrMtrPosElec_Rev_G_f32[1]       0.0109564001         CDD_DCPhsBComp_Cnt_G_u16p0       2575         CDD_DCPhsCComp_Cnt_G_u16p0       2894         CDD_MRFMtrVel_MtrRadpS_G_f32[0]       -52.0750008         CDD_MRFMtrVel_MtrRadpS_G_f32[1]       78.0749969         CDD_MtrCurr1TempOffset_Volt_G_f32[0]       0.0149999997	
CDD_CDDDataAccessBfr_Cnt_G_u16       0         CDD_CorrMtrPosElec_Rev_G_f32[0]       0.0430000015         CDD_CorrMtrPosElec_Rev_G_f32[1]       0.0109564001         CDD_DCPhsBComp_Cnt_G_u16p0       2575         CDD_DCPhsCComp_Cnt_G_u16p0       2894         CDD_MRFMtrVel_MtrRadpS_G_f32[0]       -52.0750008         CDD_MRFMtrVel_MtrRadpS_G_f32[1]       78.0749969         CDD_MtrCurr1TempOffset_Volt_G_f32[0]       0.0149999997	
CDD_CorrMtrPosElec_Rev_G_f32[0]       0.0430000015         CDD_CorrMtrPosElec_Rev_G_f32[1]       0.0109564001         CDD_DCPhsBComp_Cnt_G_u16p0       2575         CDD_DCPhsCComp_Cnt_G_u16p0       2894         CDD_MRFMtrVel_MtrRadpS_G_f32[0]       -52.0750008         CDD_MRFMtrVel_MtrRadpS_G_f32[1]       78.0749969         CDD_MtrCurr1TempOffset_Volt_G_f32[0]       0.0149999997	
CDD_CorrMtrPosElec_Rev_G_[32[1]       0.0109564001         CDD_DCPhsBComp_Cnt_G_u16p0       2575         CDD_DCPhsCComp_Cnt_G_u16p0       2894         CDD_MRFMtrVel_MtrRadpS_G_[32[0]       -52.0750008         CDD_MRFMtrVel_MtrRadpS_G_[32[1]       78.0749969         CDD_MtrCurr1TempOffset_Volt_G_[32[0]       0.0149999997	
CDD_DCPhsBComp_Cnt_G_u16p0       2575         CDD_DCPhsCComp_Cnt_G_u16p0       2894         CDD_MRFMtrVel_MtrRadpS_G_f32[0]       -52.0750008         CDD_MRFMtrVel_MtrRadpS_G_f32[1]       78.0749969         CDD_MtrCurr1TempOffset_Volt_G_f32[0]       0.0149999997	
CDD_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_MRFMtrVel_MtrRadpS_G_f32[0]       -52.0750008         CDD_MRFMtrVel_MtrRadpS_G_f32[1]       78.0749969         CDD_MtrCurr1TempOffset_Volt_G_f32[0]       0.0149999997	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]         78.0749969           CDD_MtrCurr1TempOffset_Volt_G_f32[0]         0.0149999997	
CDD_MtrCurr1TempOffset_Volt_G_f32[0] 0.0149999997	
CDD_MtrCurr1TempOffset_Volt_G_f32[1] 0.0160000008	
CDD_MtrCurr1_Volts_G_f32[0] 0.0104467999	
CDD_MtrCurr1_Volts_G_f32[1] 2.01044679	
CDD_MtrCurr2TempOffset_Volt_G_f32[0] 0.00999999978	
CDD_MtrCurr2TempOffset_Volt_G_f32[1] 0.0109999999	
CDD_MtrCurr2_Volts_G_f32[0] 0.0104467999	
CDD_MtrCurr2_Volts_G_f32[1] 1.01044679	
CDD_MtrCurrDax_Amp_G_f32[0] -180.010452	
CDD_MtrCurrDax_Amp_G_f32[1] 125.010445	
CDD_MtrCurrK1_Amps_G_f32[0] 4.01044703	
CDD_MtrCurrK1_Amps_G_f32[1] 6.01044703	
CDD_MtrCurrK2_Amps_G_f32[0] -180.010452	
CDD_MtrCurrK2_Amps_G_f32[1] 125.010445	
CDD_MtrCurrQax_Amp_G_f32[0] -120.010445	
CDD_MtrCurrQax_Amp_G_f32[1] 25.0104465	
CDD_MtrElecPol_Cnt_G_s8 1	
CDD_Vecu_Volt_G_f32[0] 20.6299992	
CDD_Vecu_Volt_G_f32[1] 19.3500004	
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32 4.40000003e-005	
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32 2.40000008e-005	
MtrPos_CorrectedMtrPos_Rev_G_u0p16 11076	
Rte_Inst_Sa_CmMtrCurr tgt_Rte_Inst_Sa_CmMtrCurr	
k_MtrCurrOffLoComOff_Cnt_u16 710	

CurrDQPer1

2016-07-24, 13:53:17+0530



Name Input Value k\_MtrPosComputDelay\_Sec\_f32 5.60000008e-005 k\_NoofPoles\_Uls\_f32 tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32 2.70000005  $tgt\_Pim\_ShCurrCal.EOLPhscurr1Gain\_AmpspVolt\_f32$ 100.074997 tgt\_Pim\_ShCurrCal.EOLPhscurr2Gain\_AmpspVolt\_f32 79.0749969 tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetLo\_Volts\_f32 2.37400007 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.Pim\_ShCurrCal tgt\_Pim\_ShCurrCal **Actual Value Expected Value** Result CDD\_CorrMtrPosElec\_Rev\_G\_f32[0] 0.0852203369  $0.0852203369 \pm 0.0000152587890625$ CDD\_CorrMtrPosElec\_Rev\_G\_f32[1] 0.0109564001 0.0109564001 ± 0.0000152587890625 -0.00291620009 CDD\_ElecPosDelayComp\_Rad\_G\_f32 -0.00291620009 ± 0.0000152587890625 CDD\_MtrCurr1\_Volts\_G\_f32[0] 1.57142866 1.57142866 ± 32 2.01044679 ± 32 CDD\_MtrCurr1\_Volts\_G\_f32[1] 2 01044679 CDD\_MtrCurr2\_Volts\_G\_f32[0] 0.128205135 0.128205135 ± 32 CDD\_MtrCurr2\_Volts\_G\_f32[1] 1 01044679 1.01044679 ± 32 ソソソソ 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] 547.743713 547.743774 ± 32 CDD\_MtrCurrK1\_Amps\_G\_f32[1] 6.01044703 6.01044703 ± 32 CDD\_MtrCurrK2\_Amps\_G\_f32[0] -11.5328341 -11.5328875 ± 32 CDD\_MtrCurrK2\_Amps\_G\_f32[1] 125.010445 125.010445 ± 32 CDD\_MtrCurrQax\_Amp\_G\_f32[0] 220 220 ± 0.03 CDD\_MtrCurrQax\_Amp\_G\_f32[1] 25.0104465 25.0104465 ± 0.03

- 101 0-115 10 10 10			
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	2674		
CDD_DCPhsCComp_Cnt_G_u16p0	3004		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-44.0999985		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	85.0999985		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0160000008		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0170000009		
CDD_MtrCurr1_Volts_G_f32[0]	1.01070166		
CDD_MtrCurr1_Volts_G_f32[1]	4.01070166		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.00499999989		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.00400000019		
CDD_MtrCurr2_Volts_G_f32[0]	1.01070166		
CDD_MtrCurr2_Volts_G_f32[1]	4.01070166		
CDD_MtrCurrDax_Amp_G_f32[0]	-160.010696		
CDD_MtrCurrDax_Amp_G_f32[1]	120.010704		
CDD_MtrCurrK1_Amps_G_f32[0]	1.01070166		
CDD_MtrCurrK1_Amps_G_f32[1]	3.01070166		
CDD_MtrCurrK2_Amps_G_f32[0]	-160.010696		
CDD_MtrCurrK2_Amps_G_f32[1]	120.010704		
CDD_MtrCurrQax_Amp_G_f32[0]	-200.010696		
CDD_MtrCurrQax_Amp_G_f32[1]	198.010696		
CDD_MtrElecPol_Cnt_G_s8	1		
CDD_Vecu_Volt_G_f32[0]	21.6399994		
CDD_Vecu_Volt_G_f32[1]	20.3600006		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	4.50000007e-005		
CmMtrCurr MtrCurr2OffDelta VoltpVoltCnt M f32	3.30000003e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	11207		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k MtrCurrOffLoComOff Cnt u16	720		
k MtrPosComputDelay Sec f32	5.70000011e-005		
k_NoofPoles_Uls_f32	6		
k_NooiPoles_0is_isz 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	Res
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.043999998	0.0439999998 ± 0.0000152587890625	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0899963379	0.0899963379 ± 0.0000152587890625	





Name	Actual Value	Expected Value	Result
CDD_ElecPosDelayComp_Rad_G_f32	0.0145520996	0.0145520996 ± 0.0000152587890625	~
CDD_MtrCurr1_Volts_G_f32[0]	1.01070166	1.01070166 ± 32	~
CDD_MtrCurr1_Volts_G_f32[1]	1.27350438	1.27350438 ± 32	~
CDD_MtrCurr2_Volts_G_f32[0]	1.01070166	1.01070166 ± 32	<b>✓</b>
CDD_MtrCurr2_Volts_G_f32[1]	0.499389529	0.499389529 ± 32	~
CDD_MtrCurrDax_Amp_G_f32[0]	-160.010696	-160.010696 ± 0.03	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[1]	220	220 ± 0.03	~
CDD_MtrCurrK1_Amps_G_f32[0]	1.01070166	1.01070166 ± 32	<b>~</b>
CDD_MtrCurrK1_Amps_G_f32[1]	613.283813	613.283752 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-160.010696	-160.010696 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[1]	-35.1032448	-35.1032257 ± 32	~
CDD_MtrCurrQax_Amp_G_f32[0]	-200.010696	-200.010696 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	220	220 ± 0.03	~

Test Step 2.76 (Repeat Count = 1)	Invest M. I		
Name	Input Value		
Adc2_GetPhsBCurr_Cnt_u16_m	1309		
Adc2_GetPhsCCurr_Cnt_u16_m	325		
CDD_ADC2OffsetComp_Cnt_G_u8p8		8960	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0		
CDD_CDDDataAccessBfr_Cnt_G_u16	0		
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0450000018		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0114660002		
CDD_DCPhsBComp_Cnt_G_u16p0	2773		
CDD_DCPhsCComp_Cnt_G_u16p0	3114		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-52.125		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	79.125		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0170000009		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0179999992		
CDD_MtrCurr1_Volts_G_f32[0]	2.01095629		
CDD_MtrCurr1_Volts_G_f32[1]	1.01095641		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.0170000009		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0179999992		
CDD_MtrCurr2_Volts_G_f32[0]	1.01095641		
CDD_MtrCurr2_Volts_G_f32[1]	2.01095629		
CDD_MtrCurrDax_Amp_G_f32[0]	-140.010956		
CDD_MtrCurrDax_Amp_G_f32[1]	63.0109558		
CDD_MtrCurrK1_Amps_G_f32[0]	2.01095629		
CDD_MtrCurrK1_Amps_G_f32[1]	5.01095629		
CDD_MtrCurrK2_Amps_G_f32[0]	-140.010956		
CDD_MtrCurrK2_Amps_G_f32[1]	63.0109558		
CDD_MtrCurrQax_Amp_G_f32[0]	-180.010956		
CDD_MtrCurrQax_Amp_G_f32[1]	125.010956		
CDD_MtrElecPol_Cnt_G_s8	-1		
CDD_Vecu_Volt_G_f32[0]		22.6499996	
CDD_Vecu_Volt_G_f32[1]	21.3700008		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32		4.6000001e-005	
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	3.4000006e-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		
<_NoofPoles_Uls_f32	3.56399989		
gt_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	Resu
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.255477905	0.255477905 ± 0.0000152587890625	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0114660002	0.0114660002 ± 0.0000152587890625	
CDD_ElecPosDelayComp_Rad_G_f32	-0.00538743148	-0.00538743148 ± 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]	-3.54276085	-3.54276085 ± 0.03	
CDD_MtrCurrDax_Amp_G_f32[1]	63.0109558	63.0109558 ± 0.03	
CDD_MtrCurrK1_Amps_G_f32[0]	678.516052	678.516052 ± 32	
CDD_MtrCurrK1_Amps_G_f32[1]	5.01095629	5.01095629 ± 32	
CDD_MtrCurrK2_Amps_G_f32[0]	19.8180389	19.8180389 ± 32	

2016-07-24, 13:53:17+0530





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

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

Specification

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

CPU Cycles:

TC3.1 974 Cycles TC3.2 1018 Cycles TC3.3 943 Cycles TC3.4 881 Cycles TC3.4 889 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 && (MtrCurrGax\_Amps\_T\_f32 <= -220) ==>False && (MtrCurrGax\_Amps\_T\_f32 <= -220) ==>False && (Phs2Curr\_Cnt\_T\_u16 > D\_ZERO\_CNT\_U16) ==>True && (Phs2Curr\_Cnt\_T\_u16 > D\_ZERO\_CNT\_U16) ==>True && (MtrCurrGax\_Amps\_T\_f32 <= -220) ==>False && (Phs2Curr\_Cnt\_T\_u16 > D\_ZERO\_CNT\_U16) ==>True && (MtrCurrGax\_Amps\_T\_f32 <= -220) ==>False && (Phs2Curr\_Cnt\_T\_u16 > D\_ZERO\_CNT\_U16) ==>True && (MtrCurrGax\_Amps\_T\_f32 <= -220) ==>False && (Phs2Curr\_Cnt\_T\_u16 > D\_ZERO\_CNT\_U16) ==>True && (MtrCurrGax\_Amps\_T\_f32 <= -220) ==>False && (Phs2Curr\_Cnt\_T\_u16 > D\_ZERO\_CNT\_U16) ==>True && (Pts2Curr\_Cnt\_T\_u16 > D\_ZERO\_CNT\_U16) ==>True && (MtrCurrGax\_Amps\_T\_f32 <= -220) ==>False && (Pts2Curr\_Cnt\_T\_u16 > D\_ZERO\_CNT\_U16) ==>True && (Pts2Curr\_Cnt\_T MtrCurrFinalDax\_Amps\_T\_f32 = Limit\_m(MtrCurrDax\_Amps\_T\_f32, -D\_CURRDQMAX\_AMP\_F32, D\_CURRDQMAX\_AMP\_F32)
(MtrCurrFinalDax\_Amps\_T\_f32>=220)==>True
TC3.3 MtrCurrFinalQax\_Amps\_T\_f32 = Limit\_m(MtrCurrQax\_Amps\_T\_f32, -D\_CURRDQMAX\_AMP\_F32, D\_CURRDQMAX\_AMP\_F32) (MtrCurrQax\_Amps\_T\_f32<=-220)==>True

TC3.4 MtrCurrFinalDax\_Amps\_T\_f32 = Limit\_m(MtrCurrDax\_Amps\_T\_f32, -D\_CURRDQMAX\_AMP\_F32, D\_CURRDQMAX\_AMP\_F32)

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

TC3.5 MtrCurrFinalDax\_Amps\_T\_f32 = Limit\_m(MtrCurrDax\_Amps\_T\_f32, -D\_CURRDQMAX\_AMP\_F32, D\_CURRDQMAX\_AMP\_F32) (MtrCurrFinalDax\_Amps\_T\_f32<=-220)==>True

Test Step 3.1 (Repeat Count = 1) Name	Input Value
Adc2 GetPhsBCurr Cnt u16 m	0
Adc2_GetPhsCCurr_Cnt_u16_m	0
CDD ADC2OffsetComp Cnt G u8p8	0
	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	-
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-1118
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	-1118
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0260000005
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0260000005
CDD_MtrCurr1_Volts_G_f32[0]	0
CDD_MtrCurr1_Volts_G_f32[1]	0
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0260000005
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0260000005
CDD_MtrCurr2_Volts_G_f32[0]	0
CDD_MtrCurr2_Volts_G_f32[1]	0
CDD_MtrCurrDax_Amp_G_f32[0]	-220
CDD_MtrCurrDax_Amp_G_f32[1]	-220
CDD_MtrCurrK1_Amps_G_f32[0]	-220
CDD_MtrCurrK1_Amps_G_f32[1]	-220
CDD_MtrCurrK2_Amps_G_f32[0]	-220
CDD_MtrCurrK2_Amps_G_f32[1]	-220
CDD_MtrCurrQax_Amp_G_f32[0]	-220
CDD_MtrCurrQax_Amp_G_f32[1]	-220
CDD_MtrElecPol_Cnt_G_s8	-1
CDD_Vecu_Volt_G_f32[0]	5
CDD_Vecu_Volt_G_f32[1]	5
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	0
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	0
MtrPos_CorrectedMtrPos_Rev_G_u0p16	0
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
<_MtrCurrOffLoComOff_Cnt_u16	500
<pre>k_MtrPosComputDelay_Sec_f32</pre>	2.4999994e-005
k_NoofPoles_Uls_f32	3.25
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]	0.0760955811	0.0760955811 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0	0 ± 0.0000152587890625	~
CDD_ElecPosDelayComp_Rad_G_f32	-0.0454187505	-0.0454187505 ± 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	<b>✓</b>
CDD_MtrCurr2_Volts_G_f32[1]	0	0 ± 32	~
CDD_MtrCurrDax_Amp_G_f32[0]	34.5910339	34.5910378 ± 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	<b>✓</b>
CDD_MtrCurrK2_Amps_G_f32[1]	-220	-220 ± 32	~
CDD_MtrCurrQax_Amp_G_f32[0]	17.9260082	17.9260082 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	-220	-220 ± 0.03	•

Test Step 3.2 (Repeat Count = 1) Name	Input Value	
Adc2_GetPhsBCurr_Cnt_u16_m	4095	
Adc2 GetPhsCCurr Cnt u16 m	4095	
CDD_ADC2OffsetComp_Cnt_G_u8p8	65280	
CDD AppDataFwdPthAccessBfr Cnt G u16	1	
CDD_AppData1 wur triAccessbil_Crit_G_u10  CDD_CDDDataAccessBfr_Crit_G_u16	1	
CDD CorrMtrPosElec Rev G f32[0]	0.999984741	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.99984741	
CDD_CONNUT OSCIEC_NEV_G_132[1]  CDD DCPhsBComp Cnt G u16p0	7150	
_	7150	
CDD_DCPhsCComp_Cnt_G_u16p0 CDD_MRFMtrVel_MtrRadpS_G_f32[0]	1118	
	1118	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	0.0260000005	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0260000005	
CDD_MtrCurr1_Volts_G_f32[0]	5	
CDD_MtrCurr1_Volts_G_f32[1]	5	
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.0260000005	
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0260000005	
CDD_MtrCurr2_Volts_G_f32[0]	5	
CDD_MtrCurr2_Volts_G_f32[1]	5	
CDD_MtrCurrDax_Amp_G_f32[0]	220	
CDD_MtrCurrDax_Amp_G_f32[1]	220	
CDD_MtrCurrK1_Amps_G_f32[0]	220	
CDD_MtrCurrK1_Amps_G_f32[1]	220	
CDD_MtrCurrK2_Amps_G_f32[0]	220	
CDD_MtrCurrK2_Amps_G_f32[1]	220	
CDD_MtrCurrQax_Amp_G_f32[0]	220	
CDD_MtrCurrQax_Amp_G_f32[1]	220	
CDD_MtrElecPol_Cnt_G_s8	1	
CDD_Vecu_Volt_G_f32[0]	31	
CDD_Vecu_Volt_G_f32[1]	31	
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	0.000171428997	
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	0.000171428997	
MtrPos_CorrectedMtrPos_Rev_G_u0p16	65535	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
k_MtrCurrOffLoComOff_Cnt_u16	1500	
<pre>c_MtrPosComputDelay_Sec_f32</pre>	0.000199999995	
<_NoofPoles_Uls_f32	4.25500011	
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	
		Danu
Name	Actual Value Expected Value	Resu
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.999984741	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.992370605	
CDD_ElecPosDelayComp_Rad_G_f32	0.475709021	•
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 ± 32	•
CDD_MtrCurr2_Volts_G_f32[1]	4.68864489 4.68864489 ± 32	•
CDD_MtrCurrDax_Amp_G_f32[0]	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	✓
CDD_MtrCurrK2_Amps_G_f32[1]	0	0 ± 32	<b>✓</b>
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 3.3 (Repeat Count = 1)			
Name	Input Value		
Adc2_GetPhsBCurr_Cnt_u16_m	1364		
Adc2_GetPhsCCurr_Cnt_u16_m	951		
CDD_ADC2OffsetComp_Cnt_G_u8p8	8448		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1		
CDD_CDDDataAccessBfr_Cnt_G_u16	1		
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.050000007		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0127400002		
CDD_DCPhsBComp_Cnt_G_u16p0	3268		
CDD_DCPhsCComp_Cnt_G_u16p0	3664		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-44.25		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	88.25		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0219999999		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.023		
CDD_MtrCurr1_Volts_G_f32[0]	4.0122304		
CDD_MtrCurr1_Volts_G_f32[1]	1.0122304		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.0219999999		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.023		
CDD_MtrCurr2_Volts_G_f32[0]	4.0122304		
CDD_MtrCurr2_Volts_G_f32[1]	2.0122304		
CDD_MtrCurrDax_Amp_G_f32[0]	-140.012238		
CDD_MtrCurrDax_Amp_G_f32[1]	63.0122299		
CDD_MtrCurrK1_Amps_G_f32[0]	7.0122304		
CDD_MtrCurrK1_Amps_G_f32[1]	26.0122299		
CDD_MtrCurrK2_Amps_G_f32[0]	-140.012238		
CDD_MtrCurrK2_Amps_G_f32[1]	63.0122299		
CDD_MtrCurrQax_Amp_G_f32[0]	-180.012238		
CDD_MtrCurrQax_Amp_G_f32[1]	125.01223		
CDD_MtrElecPol_Cnt_G_s8	1		
CDD_Vecu_Volt_G_f32[0]	27.7000008		
CDD_Vecu_Volt_G_f32[1]	26.4200001		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	4.80000017e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	3.8999987e-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	5.13500023		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.2999995		
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		
		Expected Value	Poor
Name CDD CorrMtrDooFloo Boy C (22/0)	Actual Value	Expected Value	Resi
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0500000007	0.0500000007 ± 0.0000152587890625	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.918945313	0.918945313 ± 0.0000152587890625	
CDD_ElecPosDelayComp_Rad_G_f32	0.0142746586	0.0142746586 ± 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]	702.741577	702.741638 ± 32	
CDD_MtrCurrK2_Amps_G_f32[0]	-140.012238	-140.012238 ± 32	
CDD_MtrCurrK2_Amps_G_f32[1]	52.4042244	52.4042053 ± 32	
CDD_MtrCurrQax_Amp_G_f32[0]	-180.012238	-180.012238 ± 0.03	
CDD_MtrCurrQax_Amp_G_f32[1]	-220	-220 ± 0.03	





Test Step 3.4 (Repeat Count = 1)			✓
Name	Input Value		
Adc2_GetPhsBCurr_Cnt_u16_m	4095		
Adc2_GetPhsCCurr_Cnt_u16_m	4095		
CDD_ADC2OffsetComp_Cnt_G_u8p8	65280		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1		
CDD_CDDDataAccessBfr_Cnt_G_u16	1		
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.999984741		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.999984741		
CDD_DCPhsBComp_Cnt_G_u16p0	7150		
CDD_DCPhsCComp_Cnt_G_u16p0	7150		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	1118		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	1118		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0260000005		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0260000005		
CDD_MtrCurr1_Volts_G_f32[0]	5		
CDD_MtrCurr1_Volts_G_f32[1]	5		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.0260000005		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0260000005		
CDD_MtrCurr2_Volts_G_f32[0]	5		
CDD_MtrCurr2_Volts_G_f32[1]	5		
CDD_MtrCurrDax_Amp_G_f32[0]	220		
CDD_MtrCurrDax_Amp_G_f32[1]	220		
CDD_MtrCurrK1_Amps_G_f32[0]	220		
CDD_MtrCurrK1_Amps_G_f32[1]	220		
CDD_MtrCurrK2_Amps_G_f32[0]	220		
CDD_MtrCurrK2_Amps_G_f32[1]	220		
CDD_MtrCurrQax_Amp_G_f32[0]	220		
CDD_MtrCurrQax_Amp_G_f32[1]	220		
CDD_MtrElecPol_Cnt_G_s8	1		
CDD_Vecu_Volt_G_f32[0]	31		
CDD_Vecu_Volt_G_f32[1]	31		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	0.000171428997		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	0.000171428997		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	65535		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	0.000199999995		
k_MtrPosComputDelay_Sec_f32	6		
k_NoofPoles_UIs_f32 tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	3		
	125		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32 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
			Result
CDD_CorrMtrPosElec_Rev_G_f32[0] CDD_CorrMtrPosElec_Rev_G_f32[1]	0.999984741 0.0234222412	0.999984741 ± 0.0000152587890625 0.0234222412 ± 0.0000152587890625	<b>*</b>
CDD ElecPosDelayComp Rad G f32	0.670799971	0.670799971 ± 0.0000152587890625	
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	-
CDD_MtrCurrDax_Amp_G_f32[0]	220	220 ± 0.03	<b>~</b>
CDD_MtrCurrDax_Amp_G_f32[1]	220	220 ± 0.03	
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	~
CDD_MtrCurrQax_Amp_G_f32[1]	220	220 ± 0.03	•
		•	

Test Step 3.5 (Repeat Count = 1)		<b>✓</b>
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	
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0520000011	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0132496003	
CDD_DCPhsBComp_Cnt_G_u16p0	3466	





Name	Input Value		
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]	0.024000002		
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 Uls f32	2.01812696		
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
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0520000011	0.0520000011 ± 0.0000152587890625	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.417602539	0.417602539 ± 0.0000152587890625	<b>V</b>
CDD ElecPosDelayComp Rad G f32	0.00585710956	0.00585710909 ± 0.0000152587890625	
CDD_MtrCurr1_Volts_G_f32[0]	1.01605237	1.01605237 ± 32	<b>✓</b>
CDD_MtrCurr1_Volts_G_f32[1]	1.64468873	1.64468873 ± 32	
CDD_MtrCurr2_Volts_G_f32[0]	1.01605237	1.01605237 ± 32	<b>✓</b>
CDD MtrCurr2 Volts G f32[1]	0.871794879	0.871794879 ± 32	
CDD_MtrCurrDax_Amp_G_f32[0]	-200.012741	-200.012741 ± 0.03	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[1]	-220	-220 ± 0.03	_
CDD_MtrCurrK1_Amps_G_f32[0]	6.01274014	6.01274014 ± 32	<b>~</b>
CDD_MtrCurrK1_Amps_G_f32[1]	536.40625	536.406189 ± 32	_
CDD_MtrCurrK2_Amps_G_f32[0]	-200.012741	-200.012741 ± 32	<b>✓</b>
CDD_MtrCurrK2_Amps_G_f32[1]	1.9814868	1.98150444 ± 32	_
CDD_MtrCurrQax_Amp_G_f32[0]	-140.012741	-140.012741 ± 0.03	<b>✓</b>
CDD MtrCurrQax Amp G f32[1]	220	220 ± 0.03	

2016-07-24, 13:44:06+0530



CmMtrCurr\_Per3

Project CmMtrCurr1

Module CmMtrCurr\_MTRCURRPHASEBC\_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	<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= -DMTRCURRPHASEBC -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= -DMTRCURRPHASEBC -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 MTRCURRPHASEBC 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

Imme  ImmtrCurr_CurrOffAvgCounter_Cnt_M_u16 ImmtrCurr_CurrOffState_Uls_M_enum ImmtrCurr_CurrOffTrimFlag_Cnt_M_lgc ImmtrCurr_CurroffProcessFlag_M_enum ImmtrCurr_MtrCurr1OffsetHi_Volt_M_f32 ImmtrCurr_MtrCurr1OffsetLo_Volt_M_f32 ImmtrCurr_MtrCurr1OffsetZero_Volt_M_f32 ImmtrCurr_MtrCurr1OffsetZero_Volt_M_f32 ImmtrCurr_MtrCurr1SumHi_Volt_M_f32 ImmtrCurr_MtrCurr1SumLo_Volt_M_f32 ImmtrCurr_MtrCurr1SumLo_Volt_M_f32 ImmtrCurr_MtrCurr1SumLo_Volt_M_f32 ImmtrCurr_MtrCurr1SumLo_Volt_M_f32 ImmtrCurr_MtrCurr1SumZero_Volt_M_f32	Input Value  5 CURROFF_HIAVERAGE  0 3 1.03384912 3 3 2.09357047 1.0530895 3		
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 cmMtrCurr_MtrCurr1SumZero_Volt_M_f32	CURROFF_HIAVERAGE 0 3 1.03384912 3 3 2.09357047 1.0530895		
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_MtrCurr1SumHo_Volt_M_f32 cmMtrCurr_MtrCurr1SumLo_Volt_M_f32 cmMtrCurr_MtrCurr1SumLo_Volt_M_f32 cmMtrCurr_MtrCurr1SumZero_Volt_M_f32	0 3 1.03384912 3 3 2.09357047 1.0530895		
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_MtrCurr1SumHo_Volt_M_f32 cmMtrCurr_MtrCurr1SumLo_Volt_M_f32 cmMtrCurr_MtrCurr1SumZero_Volt_M_f32	3 1.03384912 3 3 2.09357047 1.0530895		
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	1.03384912 3 3 2.09357047 1.0530895		
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	3 3 2.09357047 1.0530895		
cmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 cmMtrCurr_MtrCurr1SumHi_Volt_M_f32 cmMtrCurr_MtrCurr1SumLo_Volt_M_f32 cmMtrCurr_MtrCurr1SumZero_Volt_M_f32	3 2.09357047 1.0530895		
cmMtrCurr_MtrCurr1SumHi_Volt_M_f32 cmMtrCurr_MtrCurr1SumLo_Volt_M_f32 cmMtrCurr_MtrCurr1SumZero_Volt_M_f32	2.09357047 1.0530895		
cmMtrCurr_MtrCurr1SumLo_Volt_M_f32 cmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.0530895		
mMtrCurr_MtrCurr1SumZero_Volt_M_f32			
	3		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.72687054		
mMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.30570102		
mMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3		
mMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.1556983		
:mMtrCurr_MtrCurr2SumLo_Volt_M_f32	2.97496986		
:mMtrCurr MtrCurr2SumZero Volt M f32	2.12170625		
:mMtrCurr MtrCurrValCmd VoltCnt M f32	31777.1211		
:mMtrCurr VecuSum Volt M f32	0		
tte Inst Sa CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
CurrOffNoofAvg Cnt u16	12		
MaxCurrOffMtrVel_RadpS_f32	17.3677788		
MtrCurrEOLMaxOffset Volts f32	3		
MtrCurrEOLMinOffset Volts f32	3		
MtrCurrOffLoComOff Cnt u16	562		
 pt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	3		
at CmMtrCurr Per3 ADCMtrCurr2 Volts f32.value	3		
at CmMtrCurr Per3 MtrVel MtrRadpS f32.value	-576.014526		
at CmMtrCurr Per3 Vecu Volt f32.value	15.9636936		
pt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	124.059662		
gt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
at Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	78596.2422		
at Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	1.66544139		
at Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32	1.41828871		
pt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32	2.1423645		
pt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	1.47283912		
at Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr1 Volts f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f	32	
at Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr2 Volts f32	tgt CmMtrCurr Per3 ADCMtrCurr2 Volts f		
at Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ComOffset Cnt u16	tgt CmMtrCurr Per3 ComOffset Cnt u16		
at Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 MtrVel MtrRadpS f32	tgt CmMtrCurr Per3 MtrVel MtrRadpS f32	2	
at Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 Vecu Volt f32	tgt CmMtrCurr Per3 Vecu Volt f32		
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
pt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 VhSpdValid Cnt Igc	tgt CmMtrCurr Per3 VhSpdValid Cnt lgc		
pt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
lame	Actual Value	Expected Value	Result

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	1.03384912	1.03384912 ± 0.0003	<b>~</b>
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3	3 ± 0.0003	~

2016-07-24, 13:44:06+0530



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	<b>✓</b>
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	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.12170625	2.12170625 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	31777.1211	31777.1211 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	0	0 ± 0.0009765625	<b>✓</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	78596.2422	78596.2422 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.66544139	1.66544139 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.41828871	1.41828871 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.1423645	2.1423645 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.47283912	1.47283912 ± 0.0003	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	•





Test Step 1.2 (Repeat Count = 1)			<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 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.25479567		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.65685463		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.04112172		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	2.83894515		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.99014759		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	23218.2402		
CmMtrCurr_VecuSum_Volt_M_f32 Rte_Inst_Sa_CmMtrCurr	18.0116081 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 tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	56567.5313		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	1.91152203		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.30852175		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_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_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	6	6 ± 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	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.06366134	2.06366134 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.06732988	2.06732988 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3	3 ± 0.0003	•
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr MtrCurr1SumLo Volt M f32	3 1.25479567	3 ± 0.0003 1.25479567 ± 0.0003	<b>Y</b>
CmMtrCurr_MtrCurr1SumLo_voit_M_132 CmMtrCurr MtrCurr1SumZero Volt M f32	1.65685463	1.25479567 ± 0.0003 1.65685463 ± 0.0003	-
CmMtrCurr MtrCurr2OffsetHi Volt M f32	3	3 ± 0.0003	-
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2	2 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.04112172	2.04112172 ± 0.0003	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	2.83894515	2.83894515 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.99014759	1.99014759 ± 0.0003	~
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	23218.2402	23218.2402 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	18.0116081	18.0116081 ± 0.0009765625	<b>V</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	0 56567.5313	0 ± 1 56567.5313 ± 0.004	~
tgt_Pim_Shcurrcai.EOLMtrcurrvcaicmd_voitchts_f32 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>✓</b>

2016-07-24, 13:44:06+0530



Test Step Call Trace				<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	•

CmMtrCurr\_Per3

2016-07-24, 13:44:06+0530



Test Case 2: Range Test

2016-07-24, 13:44:06+0530

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 103 1284 Cycles





**Description** VECTOR DESCRIPTION:

TS2.1All Min TS2.2All Max TS2.3ADCMtrCurr1\_Volts\_f32==>Min TS2.4ADCMtrCurr1\_Volts\_f32==>Max TS2.5ADCMtrCurr1\_Volts\_f32==>Pos TS2.6ADCMtrCurr2\_Volts\_f32==>Min TS2.7ADCMtrCurr2\_Volts\_f32==>Max TS2.8ADCMtrCurr2\_Volts\_f32==>Pos TS2.9Vecu\_Volt\_f32==>Min TS2.10Vecu\_Volt\_f32==>Max TS2.11Vecu\_Volt\_f32==>Pos TS2.12MtrVel\_MtrRadpS\_f32==>Min TS2.13MtrVel\_MtrRadpS\_f32==>Max TS2.14MtrVel\_MtrRadpS\_f32==>Pos TS2.14Mit/vel\_MtrRadpS\_f32==>Zero TS2.15Mtr/vel\_MtrRadpS\_f32==>Neg TS2.17VehSpd\_Kph\_f32==>Min TS2.18VehSpd\_Kph\_f32==>Max TS2.19VehSpd\_Kph\_f32==>Pos TS2.20VhSpdValid\_Cnt\_lgc==>Min TS2.21VhSpdValid\_Cnt\_lgc==>Max TS2.22CurroffProcessFlag\_M\_enum==>CURROFF\_INIT
TS2.23CurroffProcessFlag\_M\_enum==>CURROFF\_FAIL
TS2.24CurroffProcessFlag\_M\_enum==>CURROFF\_PROCESSING IS2.24CurroffProcessFlag\_M\_enum==>CURROFF\_PROC TS2.25CurroffProcessFlag\_M\_enum==>CURROFF\_PASS TS2.26CurrOffTrimFlag\_M\_lgc==>Min TS2.27CurrOffTrimFlag\_M\_lgc==>Max TS2.28k\_MaxCurrOffMtrVel\_RadpS\_f32==>Min TS2.29k\_MaxCurrOffMtrVel\_RadpS\_f32==>Pos TS2.30k\_MaxCurrOffMtrVel\_RadpS\_f32==>Pos TS2.31k\_MaxCurrOffMtrVel\_RadpS\_f32==>Zero TS2.31k\_MaxCurrOffMtrVel\_RadpS\_f32==>Neg
TS2.32k\_MaxCurrOffMtrVel\_RadpS\_f32==>Default
TS2.34CurrOffState\_ULS\_M\_enum==>CURROFF\_INTIALISE
TS2.34CurrOffState\_ULS\_M\_enum==>CURROFF\_CALC
TS2.36CurrOffState\_ULS\_M\_enum==>CURROFF\_HIAVERAGE
TS2.37CurrOffState\_ULS\_M\_enum==>CURROFF\_LOAVERAGE TS2.38CurrOffState\_ULS\_M\_enum==>CURROFF\_ZEROAVERAGE TS2.39MtrCurr1SumHi\_Volt\_M\_f32==>Min TS2.40MtrCurr1SumHi\_Volt\_M\_f32==>Max TS2.41MtrCurr1SumHi\_Volt\_M\_f32==>Pos TS2.42MtrCurr2SumHi\_Volt\_M\_f32==>Min TS2.43MtrCurr2SumHi\_Volt\_M\_f32==>Max TS2.44MtrCurr2SumHi\_Volt\_M\_f32==>Pos TS2.45VecuSum\_Volt\_M\_f32==>Min TS2.46VecuSum\_Volt\_M\_f32==>Max TS2.47VecuSum\_Volt\_M\_f32==>Pos TS2.48CurrOffAvgCounter\_Cnt\_M\_u16==>Min TS2.49CurrOffAvgCounter\_Cnt\_M\_u16==>Max TS2.50CurrOffAvgCounter\_Cnt\_M\_u16==>Max
TS2.50CurrOffAvgCounter\_Cnt\_M\_u16==>Pos
TS2.51MtrCurr1SumLo\_Volt\_M\_f32==>Min
TS2.52MtrCurr1SumLo\_Volt\_M\_f32==>Max
TS2.53MtrCurr1SumLo\_Volt\_M\_f32==>Pos TS2.54MtrCurr2SumLo\_Volt\_M\_f32==>Min TS2.55MtrCurr2SumLo\_Volt\_M\_f32==>Max TS2.56MtrCurr2SumLo\_Volt\_M\_f32==>Pos TS2.57MtrCurr1SumZero\_Volt\_M\_f32==>Min TS2.58MtrCurr1SumZero\_Volt\_M\_f32==>Max TS2.59MtrCurr1SumZero\_Volt\_M\_f32==>Pos TS2.60MtrCurr2SumZero\_Volt\_M\_f32==>Min TS2.61MtrCurr2SumZero\_Volt\_M\_f32==>Max TS2.62MtrCurr2SumZero\_Volt\_M\_f32==>Pos TS2.63k\_MtrCurrEOLMinOffset\_Volts\_f32==>Min TS2.64k\_MtrCurrEOLMinOffset\_Volts\_f32==>Max TS2.65k\_MtrCurrEOLMinOffset\_Volts\_f32==>Pos/Default TS2.66k\_MtrCurrEOLMaxOffset\_Volts\_f32==>Min TS2.67k\_MtrCurrEOLMaxOffset\_Volts\_f32==>Max TS2.68k\_MtrCurrEOLMaxOffset\_Volts\_f32==>Pos/Default TS2.69MtrCurr1OffsetLo\_Volts\_M\_f32==>Min TS2.70MtrCurr1OffsetLo\_Volts\_M\_f32==>Max TS2.71MtrCurr1OffsetLo\_Volts\_M\_f32==>Pos TS2.72MtrCurr2OffsetLo\_Volts\_M\_f32==>Min TS2.73MtrCurr2OffsetLo\_Volts\_M\_f32==>Max TS2.74MtrCurr2OffsetLo\_Volts\_M\_f32==>Pos TS2.75MtrCurr1OffsetHi\_Volts\_M\_f32==>Min TS2.76MtrCurr1OffsetHi\_Volts\_M\_f32==>Max
TS2.77MtrCurr1OffsetHi\_Volts\_M\_f32==>Pos
TS2.78MtrCurr2OffsetHi\_Volts\_M\_f32==>Min TS2.78MtrCurr2OffsetHi\_Volts\_M\_f32==>Min
TS2.79MtrCurr2OffsetHi\_Volts\_M\_f32==>Max
TS2.80MtrCurr2OffsetHi\_Volts\_M\_f32==>Pos
TS2.81MtrCurrValCmd\_VoltCnts\_M\_f32==>Min
TS2.82MtrCurrValCmd\_VoltCnts\_M\_f32==>Max
TS2.83MtrCurrValCmd\_VoltCnts\_M\_f32==>Pos
TS2.84Rte\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32==>Min
TS2.85Rte\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32==>Max
TS2.86Rte\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32==>Max
TS2.86Rte\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32==>Pos
TS2.87Rte\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32==>Min
TS2.88Rte\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32==>Max
TS2.89Rte\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32==>Pos TS2.89Rte\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32==>Pos TS2.90Rte\_Pim\_ShCurrCal.EOLMtrCurr2OffsetLo\_Volts\_f32==>Min TS2.91Rte\_Pim\_ShCurrCal.EOLMtrCurr2OffsetLo\_Volts\_f32==>Max TS2.92Rte Pim\_ShCurrCal.EOLMtrCurr2OffsetLo\_Volts\_f32==>Pos TS2.93Rte Pim\_ShCurrCal.EOLMtrCurr1OffsetDiff\_Volts\_f32==>Min TS2.94Rte\_Pim\_ShCurrCal.EOLMtrCurr1OffsetDiff\_Volts\_f32==>Max

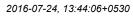




TS2.95Rte\_Pim\_ShCurrCal.EOLMtrCurr1OffsetDiff\_Volts\_f32==>Pos
TS2.96Rte\_Pim\_ShCurrCal.EOLMtrCurr2OffsetDiff\_Volts\_f32==>Min
TS2.97Rte\_Pim\_ShCurrCal.EOLMtrCurr2OffsetDiff\_Volts\_f32==>Max
TS2.98Rte\_Pim\_ShCurrCal.EOLMtrCurr2OffsetDiff\_Volts\_f32==>Pos
TS2.99k\_CurrOffNoofAvg\_Cnt\_u16==>Min
TS2.100k\_CurrOffNoofAvg\_Cnt\_u16==>Max
TS2.101k\_CurrOffNoofAvg\_Cnt\_u16==>Pos/Default
TS2.102k\_MtrCurrOffLoComOff\_Cnt\_u16==>Min/Default
TS2.103k\_MtrCurrOffLoComOff\_Cnt\_u16==>Max
TS2.104k\_MtrCurrOffLoComOff\_Cnt\_u16==>Pos

Test Step 2.1 (Repeat Count = 1)			
Name	Input Value		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	0		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0		
CmMtrCurr_CurroffProcessFlag_M_enum	0		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	0		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	0		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	0		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	0		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	0		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	0		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	0		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	0		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	0		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	0		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	0		
CmMtrCurr MtrCurr2SumZero Volt M f32	0		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	0		
CmMtrCurr_VecuSum_Volt_M_f32	0		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	1		
k_MaxCurrOffMtrVel_RadpS_f32	-20		
k_MtrCurrEOLMaxOffset_Volts_f32	1		
k_MtrCurrEOLMinOffset_Volts_f32	1		
k MtrCurrOffLoComOff Cnt u16	500		
tgt CmMtrCurr Per3 ADCMtrCurr1 Volts f32.value	0		
tgt CmMtrCurr Per3 ADCMtrCurr2 Volts f32.value	0		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	-1118		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	5		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	0		
tgt CmMtrCurr Per3 VhSpdValid Cnt Igc.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 ADCMtrCu	rr1 Volts f32	
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr2 Volts f32	tgt CmMtrCurr Per3 ADCMtrCu		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ComOffset Cnt u16	tgt CmMtrCurr Per3 ComOffset 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_K		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 VhSpdValid Cnt Igc	tgt_CmMtrCurr_Per3_VhSpdValie		
tgt Rte Inst Sa CmMtrCurr.Pim ShCurrCal	tgt Pim ShCurrCal		
Name	Actual Value	Expected Value	Resu

tgt_Rte_inst_sa_critiviti Curr.Filit_StiCurrCal	tgt_Filli_SilCuliCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	0	0 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	✓
CmMtrCurr_CurroffProcessFlag_M_enum	0	0	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	0	0 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	0	0 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	0	0 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	0	0 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	0	0 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	0	0 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	0	0 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	0	0 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	0	0 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	0	0 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	0	0 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	0	0 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	0	0 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	0	0 ± 0.0009765625	~
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	<b>✓</b>



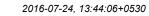


Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	0	0 ± 0.004	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1	1 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1	1 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1	1 ± 0.0003	~
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	1	1 ± 0.0003	<b>✓</b>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	<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		
	3		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1118		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	31		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	255		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value 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 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt CmMtrCurr Per3 ADCMt	rCurr1 Volte f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMt		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ComOffset Cnt u16	tgt CmMtrCurr Per3_ADCMt		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 MtrVel MtrRadpS f32			
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 Vecu Volt f32	tgt_CmMtrCurr_Per3_MtrVel_	· -	
	tgt_CmMtrCurr_Per3_Vecu_V	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpd\	valiu_Crit_ige	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal	From a stand Walter	
Name	Actual Value	Expected Value	Resul
CmMtrCurr CurrOffAvaCounter Cnt M u16	10000	10000 + 1	

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	10000	10000 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	5	5 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	5	5 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	5	5 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	50000	50000 ± 0.0003	•
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	50000	50000 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	50000	50000 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	5	5 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	5	5 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	5	5 ± 0.0003	~





Name	Actual Value	Expected Value	Result
CmMtrCurr MtrCurr2SumHi Volt M f32	50000	50000 ± 0.0003	<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	✓
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	3	3 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	✓

Test Step Call Trace				<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 2.3 (Repeat Count = 1) Name	Input Value		
CmMtrCurr CurrOffAvgCounter Cnt M u16	1		
CmMtrCurr CurrOffState Uls M enum	CURROFF HIAVERAGE		
CmMtrCurr CurrOffTrimFlag Cnt M Igc	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		
	2.40007114		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1 111		
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_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_ComOffs	set_Cnt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_I	MtrRadpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Ve	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_Igc	tgt_CmMtrCurr_Per3_VhSpdV	alid_Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
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	•
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	•
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	•
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.78107488	1.78107488 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.77936649	2.77936649 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.77936649	2.77936649 ± 0.0003	~

2016-07-24, 13:44:06+0530



Name	Actual Value	Expected Value	Result
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	10.2349997	10.2349997 ± 0.0003	•
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	88.1449966	88.1449966 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	12546.25	12546.25 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.57947969	1.57947969 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.25460005	4.25460005 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.69485998	1.69485998 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	4.1755209	4.1755209 ± 0.0003	•
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	154.925003	154.925003 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	88.1449966	88.1449966 ± 0.0003	~
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	24410.7969	24410.7969 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	270.146179	270.146179 ± 0.0009765625	~
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	4000	4000 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	79716.3125	79716.3125 ± 0.004	•
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	•
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.33796501	2.33796501 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.4327662	2.4327662 ± 0.0003	~

Test Step Call Trace				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 2.4 (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	~

tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetDiff\_Volts\_f32

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

CmMtrCurr\_Per3

2016-07-24, 13:44:06+0530



1.93776929 ± 0.0003

2.30192566 ± 0.0003

**Actual Value Expected Value** CmMtrCurr\_CurrOffState\_Uls\_M\_enum CURROFF\_ZEROAVERAGE CURROFF\_ZEROAVERAGE  $CmMtrCurr\_CurrOffTrimFlag\_Cnt\_M\_lgc$ CmMtrCurr\_CurroffProcessFlag\_M\_enum 1 1 CmMtrCurr\_MtrCurr1OffsetHi\_Volt\_M\_f32 3.32500005  $3.32500005 \pm 0.0003$ CmMtrCurr\_MtrCurr1OffsetLo\_Volt\_M\_f32 2.46805692 ± 0.0003 2.46805692  $CmMtrCurr\_MtrCurr1OffsetZero\_Volt\_M\_f32$ 2.46805692 2.46805692 ± 0.0003 CmMtrCurr\_MtrCurr1SumHi\_Volt\_M\_f32 21.3649998 21.3649998 ± 0.0003  $CmMtrCurr\_MtrCurr1SumLo\_Volt\_M\_f32$ 99.2750015 99.2750015 ± 0.0003 CmMtrCurr\_MtrCurr1SumZero\_Volt\_M\_f32 15490.3604 15490.3604 ± 0.0003 CmMtrCurr\_MtrCurr2OffsetHi\_Volt\_M\_f32 3 + 0.0003CmMtrCurr\_MtrCurr2OffsetLo\_Volt\_M\_f32 4.3657999 4.3657999 ± 0.0003 3.75889993 ± 0.0003  $CmMtrCurr\_MtrCurr2OffsetZero\_Volt\_M\_f32$ 3 75889993 ソソソソソ CmMtrCurr\_MtrCurr2SumHi\_Volt\_M\_f32 2.35386825 2.35386825 ± 0.0003  $CmMtrCurr\_MtrCurr2SumLo\_Volt\_M\_f32$ 166 054993 166 054993 + 0 0003 CmMtrCurr\_MtrCurr2SumZero\_Volt\_M\_f32 100.366791 100.366791 ± 0.0003 CmMtrCurr\_MtrCurrValCmd\_VoltCnt\_M\_f32 27914.8262 ± 0.001 27914.8262 CmMtrCurr\_VecuSum\_Volt\_M\_f32 255.095001 255.095001 ± 0.0009765625 tgt\_CmMtrCurr\_Per3\_ComOffset\_Cnt\_u16.value 0 ± 1  $tgt\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32$ 37732.9023  $37732.9023 \pm 0.004$ tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32 2.63156509 ± 0.0003 2.63156509  $tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetLo\_Volts\_f32$ 3  $3 \pm 0.0003$ 

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	<b>✓</b>

1.93776929

2.30192566

Test Step 2.5 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	3
CmMtrCurr CurrOffState Uls M enum	CURROFF CALC
CmMtrCurr CurrOffTrimFlag Cnt M Igc	1
CmMtrCurr CurroffProcessFlag M enum	2
CmMtrCurr MtrCurr1OffsetHi Volt M f32	2.06366134
CmMtrCurr MtrCurr1OffsetLo Volt M f32	2.06732988
CmMtrCurr MtrCurr1OffsetZero Volt M f32	2.06732988
CmMtrCurr MtrCurr1SumHi Volt M f32	32.4949989
CmMtrCurr MtrCurr1SumLo Volt M f32	110.404999
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	18428.4707
CmMtrCurr MtrCurr2OffsetHi Volt M f32	2.22904086
CmMtrCurr MtrCurr2OffsetLo Volt M f32	4.47700024
CmMtrCurr MtrCurr2OffsetZero Volt M f32	2.40540409
CmMtrCurr MtrCurr2SumHi Volt M f32	2.04112172
CmMtrCurr MtrCurr2SumLo Volt M f32	177.184998
CmMtrCurr MtrCurr2SumZero Volt M f32	110.404999
CmMtrCurr MtrCurrValCmd VoltCnt M f32	23218.2402
CmMtrCurr VecuSum Volt M f32	266.225006
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k CurrOffNoofAvg Cnt u16	3
k MaxCurrOffMtrVel RadpS f32	12.5231485
k MtrCurrEOLMaxOffset Volts f32	1.09347951
k MtrCurrEOLMinOffset Volts f32	1.74270165
k MtrCurrOffLoComOff Cnt u16	650
tgt CmMtrCurr Per3 ADCMtrCurr1 Volts f32.value	2.5
tgt CmMtrCurr Per3 ADCMtrCurr2 Volts f32.value	3
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	12
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	18.9864292
tgt CmMtrCurr Per3 VehSpd Kph f32.value	1.72093007e-008
tgt CmMtrCurr Per3 VhSpdValid Cnt Igc.value	0
tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	56567.5313
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	1.91152203
tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32	3
tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32	3
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	1.30852175
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ComOffset Cnt u16	tgt CmMtrCurr Per3 ComOffset Cnt u16
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32





Name	Input Value		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_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	•
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	•
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.06366134	2.06366134 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.06732988	2.06732988 ± 0.0003	<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	•
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.22904086	2.22904086 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.47700024	4.47700024 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.40540409	2.40540409 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.04112172	2.04112172 ± 0.0003	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	177.184998	177.184998 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	110.404999	110.404999 ± 0.0003	~
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	23218.2402	23218.2402 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	266.225006	266.225006 ± 0.0009765625	~
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	56567.5313	56567.5313 ± 0.004	•
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.91152203	1.91152203 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.30852175	1.30852175 ± 0.0003	~

Test Step Call Trace				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 2.6 (Repeat Count = 1)	Invest Walter
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

CmMtrCurr\_Per3



Name	Input Value
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.25900912
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	5	5 ± 1	<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	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3.98569989	3.98569989 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.58597875	2.58597875 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.58597875	2.58597875 ± 0.0003	~
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	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.58820009	4.58820009 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.14592612	1.14592612 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	188.315002	188.315002 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	121.535004	121.535004 ± 0.0003	<b>✓</b>
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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.44109416	2.44109416 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.25900912	2.25900912 ± 0.0003	<b>~</b>
9C			

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	<b>✓</b>

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_ADCN	ltrCurr1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCN	ltrCurr2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComC	ffset_Cnt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVe	_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_VehSp	od_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 -	A -41 M-1	Formanda d Malora	D14

igi_Rie_	inst_sa_cmmircun.eim_sncurrcai	Igi_Pini_Sncurical		
Name		Actual Value	Expected Value	Result
CmMtrC	urr_CurrOffAvgCounter_Cnt_M_u16	6	6 ± 1	~
CmMtrC	urr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE	~
CmMtrC	urr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~
CmMtrC	urr_CurroffProcessFlag_M_enum	1	1	~
CmMtrC	urr_MtrCurr1OffsetHi_Volt_M_f32	1.93872654	1.93872654 ± 0.0003	~
CmMtrC	urr_MtrCurr1OffsetLo_Volt_M_f32	2.14313006	2.14313006 ± 0.0003	~
CmMtrC	urr_MtrCurr1OffsetZero_Volt_M_f32	2.14313006	2.14313006 ± 0.0003	~
CmMtrC	urr_MtrCurr1SumHi_Volt_M_f32	55.9627914	55.9627914 ± 0.0003	~
CmMtrC	urr_MtrCurr1SumLo_Volt_M_f32	12546.25	12546.25 ± 0.0003	~
CmMtrC	urr_MtrCurr1SumZero_Volt_M_f32	24310.6895	24310.6895 ± 0.0003	~
CmMtrC	urr_MtrCurr2OffsetHi_Volt_M_f32	1.74477029	1.74477029 ± 0.0003	~
CmMtrC	urr_MtrCurr2OffsetLo_Volt_M_f32	4.69939995	4.69939995 ± 0.0003	~
CmMtrC	urr_MtrCurr2OffsetZero_Volt_M_f32	4.52099991	4.52099991 ± 0.0003	~
CmMtrC	urr_MtrCurr2SumHi_Volt_M_f32	6	6 ± 0.0003	~
CmMtrC	urr_MtrCurr2SumLo_Volt_M_f32	199.445007	199.445007 ± 0.0003	~
CmMtrC	urr_MtrCurr2SumZero_Volt_M_f32	132.664993	132.664993 ± 0.0003	~
CmMtrC	urr_MtrCurrValCmd_VoltCnt_M_f32	42270.7656	42270.7656 ± 0.001	~
CmMtrC	urr_VecuSum_Volt_M_f32	315.103058	315.103088 ± 0.0009765625	~
tgt_CmN	NtrCurr_Per3_ComOffset_Cnt_u16.value	4000	4000 ± 1	~
tgt_Pim_	ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	42859.8672	42859.8672 ± 0.004	~
tgt_Pim_	ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_	ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_	ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.67476642	1.67476642 ± 0.0003	~
tgt_Pim_	ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	~

Test Step Call Trace				<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 2.8 (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



Name	Input Value		
k_MtrCurrEOLMaxOffset_Volts_f32	2.99140501		
k_MtrCurrEOLMinOffset_Volts_f32	2.63000679		
k_MtrCurrOffLoComOff_Cnt_u16	800		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	3		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.5		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	16		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	13.7805471		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.42093004e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	20585.7949		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.5396297		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.98051882		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.13610566		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f3	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f3	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result

tgt_Rte_inst_Sa_cmixtrcurr.Pim_Sncurrcal	tgt_Pim_SnCurrCai	tgt_Pim_Shcurrcai		
Name	Actual Value	Expected Value	Result	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	7	7 ± 1	<b>✓</b>	
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	2.69017243	2.69017243 ± 0.0003	~	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.94488144	2.94488144 ± 0.0003	<b>✓</b>	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.94488144	2.94488144 ± 0.0003	~	
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	~	
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	<b>✓</b>	
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	<b>✓</b>	
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.98051882	2.98051882 ± 0.0003	<b>✓</b>	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.13610566	1.13610566 ± 0.0003	~	
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	~	

Test Step Call Trace				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 2.9 (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	4.1999981	
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.82674897	
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	221.705002	

CmMtrCurr\_Per3



Innut Value
Input Value
154.925003
41807.7383
310.744995
tgt_Rte_Inst_Sa_CmMtrCurr
15
17.6823654
2.54037666
2.20696926
850
0.0560705662
1.02651572
17
5
1.32093003e-008
1
31152.4238
1.01032639
3
2.75043988
1.13556504
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

9	1912-1112-1112-11	190			
Name	Actual Value	Expected Value	Result		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	8	8 ± 1	~		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE	~		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~		
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	~		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.3003974	2.3003974 ± 0.0003	<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	•		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	30192.9102	30192.9102 ± 0.0003	<b>✓</b>		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.91343355	1.91343355 ± 0.0003	~		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.92180014	4.92180014 ± 0.0003	<b>✓</b>		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	4.19999981	4.19999981 ± 0.0003	~		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.85326481	2.85326457 ± 0.0003	<b>✓</b>		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	221.705002	221.705002 ± 0.0003	~		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	154.925003	154.925003 ± 0.0003	<b>✓</b>		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	41807.7383	41807.7383 ± 0.001	•		
CmMtrCurr_VecuSum_Volt_M_f32	315.744995	315.744995 ± 0.0009765625	<b>✓</b>		
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	4000	4000 ± 1	•		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	31152.4238	31152.4238 ± 0.004	<b>✓</b>		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.01032639	1.01032639 ± 0.0003	<b>✓</b>		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	~		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.75043988	2.75043988 ± 0.0003	~		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.13556504	1.13556504 ± 0.0003	<b>✓</b>		

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	•

Test Step 2.10 (Repeat Count = 1)		✓
Name	Input Value	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	8	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	
CmMtrCurr_CurroffProcessFlag_M_enum	3	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.18853402	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.35347366	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.35347366	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	88.1449966	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	21369.5801	



CmMtrCurr_Per3	2016-07-24, 13:44:06+0530		Razoncat
Name	Input Value		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	33134.0195		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.24896121		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.32399046		
CmMtrCurr MtrCurr2OffsetZero Volt M f32	4.30000019		
CmMtrCurr MtrCurr2SumHi Volt M f32	2.4079411		
CmMtrCurr MtrCurr2SumLo Volt M f32	232.835007		
CmMtrCurr MtrCurr2SumZero Volt M f32	166.054993		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	2316.12231		
CmMtrCurr_VecuSum_Volt_M_f32	321.875		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	20		
k MaxCurrOffMtrVel RadpS f32	14.2490196		
k MtrCurrEOLMaxOffset Volts f32	2.16256571		
k_MtrCurrEOLMinOffset_Volts_f32	1.79059577		
k MtrCurrOffLoComOff Cnt u16	900		
tgt CmMtrCurr Per3 ADCMtrCurr1 Volts f32.value	3		
tgt CmMtrCurr Per3 ADCMtrCurr2 Volts f32.value	0.359586239		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	14		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	31		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.22093002e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	3217.23193		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3		
tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32	3		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32	2.22488117		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_\	/olts_f32 tgt_CmMtrCurr_Per3_ADCMtrC	Curr1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_\	/olts_f32 tgt_CmMtrCurr_Per3_ADCMtrC	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_MtrRadp	pS_f32 tgt_CmMtrCurr_Per3_MtrVel_M	/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_f3	tgt_CmMtrCurr_Per3_VehSpd_	Kph_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cn	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	9	9 ± 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	2.18853402	2.18853402 ± 0.0003	•
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.35347366	1.35347366 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.35347366	1.35347366 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	91.1449966	91.1449966 ± 0.0003	<b>✓</b>

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	<b>✓</b>
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	91.1449966	91.1449966 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	21369.5801	21369.5801 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	33134.0195	33134.0195 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.24896121	2.24896121 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.32399046	1.32399046 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	4.30000019	4.30000019 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.76752734	2.76752734 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	232.835007	232.835007 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	166.054993	166.054993 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	2316.12231	2316.12231 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	352.875	352.875 ± 0.0009765625	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	4000	4000 ± 1	✓
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	3217.23193	3217.23193 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.22488117	2.22488117 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Test Step 2.11 (Repeat Count = 1)	<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

2016-07-24, 13:44:06+0530



Input Value CmMtrCurr\_CurroffProcessFlag\_M\_enum CmMtrCurr\_MtrCurr1OffsetHi\_Volt\_M\_f32 2.4301908 CmMtrCurr\_MtrCurr1OffsetLo\_Volt\_M\_f32 1.7515341 CmMtrCurr\_MtrCurr1OffsetZero\_Volt\_M\_f32 1.7515341 CmMtrCurr\_MtrCurr1SumHi\_Volt\_M\_f32 99.2750015 CmMtrCurr\_MtrCurr1SumLo\_Volt\_M\_f32 24310.6895 CmMtrCurr MtrCurr1SumZero Volt M f32 36075.1289  $CmMtrCurr\_MtrCurr2OffsetHi\_Volt\_M\_f32$ CmMtrCurr\_MtrCurr2OffsetLo\_Volt\_M\_f32 2.22926593 CmMtrCurr MtrCurr2OffsetZero Volt M f32 4 4000001 2.00158358 CmMtrCurr\_MtrCurr2SumHi\_Volt\_M\_f32 CmMtrCurr\_MtrCurr2SumLo\_Volt\_M\_f32 12546 25 CmMtrCurr\_MtrCurr2SumZero\_Volt\_M\_f32 177.184998 50238 3359 CmMtrCurr MtrCurrValCmd VoltCnt M f32 CmMtrCurr\_VecuSum\_Volt\_M\_f32 333.005005 Rte\_Inst\_Sa\_CmMtrCurr tgt Rte Inst Sa CmMtrCurr k\_CurrOffNoofAvg\_Cnt\_u16 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 tgt\_CmMtrCurr\_Per3\_Vecu\_Volt\_f32.value 15.5 tgt\_CmMtrCurr\_Per3\_VehSpd\_Kph\_f32.value 1.12093002e-008 tgt\_CmMtrCurr\_Per3\_VhSpdValid\_Cnt\_lgc.value tgt\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32 10727 9072 tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32 2.96896577 tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetLo\_Volts\_f32 1 0980438 tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32 1.91172564 tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32 tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr1 Volts f32 tgt CmMtrCurr Per3 ADCMtrCurr1 Volts f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ADCMtrCurr2\_Volts\_f32 tgt\_CmMtrCurr\_Per3\_ADCMtrCurr2\_Volts\_f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ComOffset\_Cnt\_u16 tgt\_CmMtrCurr\_Per3\_ComOffset\_Cnt\_u16 tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 MtrVel MtrRadpS f32 tgt CmMtrCurr Per3 MtrVel MtrRadpS f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_Vecu\_Volt\_f32 tgt\_CmMtrCurr\_Per3\_Vecu\_Volt\_f32  $tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_VehSpd\_Kph\_f32$ tgt\_CmMtrCurr\_Per3\_VehSpd\_Kph\_f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_VhSpdValid\_Cnt\_lgc tgt\_CmMtrCurr\_Per3\_VhSpdValid\_Cnt\_lgc tot Pim ShCurrCal  $tgt\_Rte\_Inst\_Sa\_CmMtrCurr.Pim\_ShCurrCal$ **Actual Value Expected Value** Name Result CmMtrCurr\_CurrOffAvgCounter\_Cnt\_M\_u16 10 ± 1 CURROFF HIAVERAGE CURROFF HIAVERAGE CmMtrCurr\_CurrOffState\_Uls\_M\_enum CmMtrCurr\_CurrOffTrimFlag\_Cnt\_M\_lgc CmMtrCurr CurroffProcessFlag M enum 2 4301908 2 4301908 + 0 0003  $CmMtrCurr\_MtrCurr1OffsetHi\_Volt\_M\_f32$ CmMtrCurr\_MtrCurr1OffsetLo\_Volt\_M\_f32 1.7515341 1.7515341 ± 0.0003 V 1 7515341 1 7515341 + 0 0003 CmMtrCurr MtrCurr1OffsetZero Volt M f32 102.275002 102.275002 ± 0.0003 CmMtrCurr\_MtrCurr1SumHi\_Volt\_M\_f32 ~  $CmMtrCurr\_MtrCurr1SumLo\_Volt\_M\_f32$ 24310 6895 24310 6895 + 0 0003 36075.1289 36075.1289 ± 0.0003 CmMtrCurr\_MtrCurr1SumZero\_Volt\_M\_f32 ~ CmMtrCurr MtrCurr2OffsetHi Volt M f32  $3 \pm 0.0003$ CmMtrCurr\_MtrCurr2OffsetLo\_Volt\_M\_f32 2.22926593 2.22926593 ± 0.0003 CmMtrCurr\_MtrCurr2OffsetZero\_Volt\_M\_f32 4.4000001 4.4000001 ± 0.0003 CmMtrCurr\_MtrCurr2SumHi\_Volt\_M\_f32 2.125386 2.125386 ± 0.0003 CmMtrCurr\_MtrCurr2SumLo\_Volt\_M\_f32 12546.25 ± 0.0003 12546.25

Test Step Call Trace   ✓					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~	
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	•	

177.184998

50238.3359

348.505005

10727.9072

2.96896577

1.0980438

1.91172564

4000

177.184998 ± 0.0003

50238.3359 ± 0.001

10727.9072 ± 0.004

2.96896577 ± 0.0003

1.0980438 ± 0.0003

1.91172564 ± 0.0003

4000 ± 1

3 ± 0.0003

348.505005 ± 0.0009765625

 $CmMtrCurr\_MtrCurr2SumZero\_Volt\_M\_f32$ 

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 2.12 (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	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	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>V</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	· ·
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	15487.3604	15487.3604 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr MtrCurrValCmd VoltCnt M f32	12546.25 33128.5508	12546.25 ± 0.0003 33128.5508 ± 0.001	
CmMtrCurr VecuSum Volt M f32	33128.5508	33128.5508 ± 0.001 344.13501 ± 0.0009765625	~
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	
tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	12078.0166	12078.0166 ± 0.004	•
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	3	3 ± 0.0003	
tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32	1.53875852	1.53875852 ± 0.0003	•
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.33318686	2.33318686 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.6578269	2.6578269 ± 0.0003	•



Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	<b>✓</b>

Test Step 2.13 (Repeat Count = 1) Name	Input Value		
	· ·		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr CurrOffState Uls M enum	11		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	CURROFF_LOAVERAGE		
	1		
CmMtrCurr_CurroffProcessFlag_M_enum	3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		
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		
K_MaxCurrOffMtrVel_RadpS_f32	6.92200041		
MtrCurrEOLMaxOffset_Volts_f32	3		
MtrCurrEOLMinOffset_Volts_f32	3		
<pre>c_MtrCurrOffLoComOff_Cnt_u16</pre>	1050		
gt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0.181411028		
gt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	3		
gt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	1118		
gt_CmMtrCurr_Per3_Vecu_Volt_f32.value	28.6460514		
gt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	35.6961212		
gt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
gt_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_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_MtrR	adpS_f32	
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f	32	
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		
gt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resu
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	
	2.48580837	2.40000037 ± 0.0003	
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.48580837 4.5999999	2.48580837 ± 0.0003 4.5999999 ± 0.0003	
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr MtrCurr2SumHi Volt M f32	2.48580837 4.5999999 3	4.5999999 ± 0.0003 3 ± 0.0003	

18428.4707

15487.3604

39491.5234

355.265015

 $CmMtrCurr\_MtrCurr2SumLo\_Volt\_M\_f32$ 

CmMtrCurr\_MtrCurr2SumZero\_Volt\_M\_f32

CmMtrCurr\_MtrCurrValCmd\_VoltCnt\_M\_f32 CmMtrCurr\_VecuSum\_Volt\_M\_f32 18428.4707 ± 0.0003

15487.3604 ± 0.0003

355.265015 ± 0.0009765625

39491.5234 ± 0.001

0 ± 1

CmMtrCurr\_Per3



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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tot Pim ShCurrCal FOI MtrCurr2OffsetDiff Volts f32	2 73837662	2 73837662 + 0 0003	

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	•

CMMICUT_CurrOffiState_Usi_M_enum  CURROFF_INTALISE  CMMICUT_CurrOffiState_Usi_M_enum  CURROFF_INTALISE  CMMICUT_CurrOffistate_Usi_M_enum  1  CMMICUT_CurrOffistate_Usi_M_siz  CMMICUT_MCUROFfistate_Usi_M_siz  CMMICUT_MCUROFfistate_Vsi_M_siz  CMMICUT_MCUROFfistate_Vsi_M_siz  CMMICUT_MCUROFfistate_Vsi_M_siz  CMMICUT_MCUROFfistate_Vsi_M_siz  CMMICUT_MCUROFfistate_Vsi_M_siz  CMMICUT_MCURIOFfistate_Vsi_M_siz  CMMICUT_MCURIOFfistate_Vsi_M_siz  CMMICUT_MCURIOFfistate_Vsi_M_siz  CMMICUT_MCURISTATE_Vsi_M_siz  SSS_SSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSS	Test Step 2.14 (Repeat Count = 1) Name	Input Value		
CMMCCur_CurrOffState_Uis_M_enum CMMCur_CurrOffTrinFlag_Cnt_M_tige 1 CMMCur_CurrOffState_Viv_M_may 1 CMMCurr_MicrOffSeets_Viv_M_tig2 3 98539996 CMMCurr_MicrOffSeets_Viv_M_tig2 2 24435637 CMMCurr_MicrOffSeets_Viv_M_tig2 2 24435637 CMMCurr_MicrOffSeets_Viv_M_tig2 2 24435637 CMMCurr_MicrOffSeets_Viv_M_tig2 2 25435637 CMMCurr_MicrOffSeets_Viv_M_tig2 3 3334_0195 CMMCurr_MicrOffSeets_Viv_M_tig2 3 3334_0195 CMMCurr_MicrOffSeets_Viv_M_tig2 3 44898_4699 CMMCurr_MicrOffSeets_Viv_M_tig2 2 25431016 CMMCurr_MicrOffSeets_Viv_M_tig2 2 25431016 CMMCurr_MicrOffSeets_Viv_M_tig2 3 2550001 CMMCurr_MicrOffSeets_Viv_M_tig2 3 3000019 CMMCurr_MicrOffSeets_Viv_M_tig2 3 3000019 CMMCurr_MicrOffSeets_Viv_M_tig2 3 3000019 CMMCurr_MicrOffSeets_Viv_M_tig2 2 21365_8901 CMMCurr_MicrOffSeets_Viv_M_tig2 3 3000019 CMMCurr_MicroffSeets_Viv_M_tig2 3 30000				
ComMicCurr CurroffTrimFlag_Cnt_M_Jgc ComMicCurr CurroffTrimFlag_M_enum 1 ComMicCurr MirCurr Offseth Volt_M_J32 2 84498637 ComMicCurr MirCurr Offseth Volt_M_J32 2 264498637 ComMicCurr MirCurr Offseth Volt_M_J32 2 264498637 ComMicCurr MirCurr Stampt_Volt_M_J32 2 264498637 ComMicCurr MirCurr Stampt_Volt_M_J32 2 264498637 ComMicCurr MirCurr Stampt_Volt_M_J32 3 3314_0195 ComMicCurr MirCurr Stampt_Volt_M_J32 3 3314_0195 ComMicCurr MirCurr Stampt_Volt_M_J32 2 252430105 ComMicCurr MirCurr Stampt_Volt_M_J32 2 252430105 ComMicCurr MirCurr Stampt_Volt_M_J32 3 2505001 ComMicCurr MirCurr Stampt_Volt_M_J32 3 2505001 ComMicCurr MirCurr Stampt_Volt_M_J32 4 89999981 ComMicCurr MirCurr Stampt_Volt_M_J32 3 30000193 ComMicCurr Volt_Stampt_Volt_M_J32 3 30000193 ComMicCurr Volt_Stampt_Volt_M_J32 3 30000193 ComMicCurr Volt_Stampt_Volt_M_J32 3 44900000000000000000000000000000000000				
CmMirCurr CurroffProcessFlag, M. enum 1 CmMirCurr MrCurr Offsette I, Vol. M, 132 2, 264458537 CmMirCurr, MrCurr Offsette Vol. M, 132 2, 264458537 CmMirCurr, MrCurr Smell, Volt. M, 132 3, 264999 CmMirCurr, MrCurr Smell, Volt. M, 132 44888, 4609 CmmirCurr, MrCurr Smell, Volt. M, 132 2, 252430105 CmMirCurr, MrCurr Coffset Lo, Volt. M, 132 3, 2650001 CmMirCurr, MrCurr Coffset Lo, Volt. M, 132 3, 2650001 CmMirCurr, MrCurr Smell, Volt. M, 132 3, 2650001 CmMirCurr Smell, Volt. M, 132 40500		_		
CmMtrCurr_MtrCurr_OffsetH_Volt_M_132				
CmMitrCurr, MitrCurrl OffsetZero, Volt M, 132 CmMitrCurr, MitrCurrl OffsetZero, Volt M, 132 132.664993 CmMitrCurr, MitrCurrl Sumita, Volt M, 132 132.664993 CmMitrCurr, MitrCurrl Sumita, Volt M, 132 132.664993 CmMitrCurr, MitrCurrl Sumita, Volt M, 132 132.664993 CmMitrCurr, MitrCurr2OffsetLo, Volt M, 132 2, 2439105 CmMitrCurr, MitrCurr2OffsetLo, Volt M, 132 2, 25430105 CmMitrCurr, MitrCurr2OffsetLo, Volt M, 132 2, 246999811 CmMitrCurr, MitrCurr2OffsetLo, Volt M, 132 3, 2660011 CmMitrCurr, MitrCurr2OffsetLo, Volt M, 132 2, 1369.5901 CmMitrCurr, MitrCurr2Sumita, Volt M, 132 2, 21399.5901 CmMitrCurr, MitrCurr2Sumita, Volt M, 132 2, 30300.1953 CmMitrCurr, MitrCurr2Sumita, Volt M, 132 3, 30300.1953 CmMitrCurr, Veusium, Volt M, 132 3, 368.34989 Rte, Inst, Sa, CmMitrCurr 3, 12, Rein, Inst, Sa, CmMitrCurr 4, Curroffitoofford, Curl 16 4, MaxCurroffithVel, Radps, 132 4, MitrCurrEOLMaxOffset, Volts, 132 3, MitrCurrEOLMaxOffset, Volts, 132 3, MitrCurrEOLMaxOffset, Volts, 132 3, MitrCurrEOLMaxOffset, Volts, 132 4, MitrCurrEOLMoffset, Volts, 132 4, MitrCurre, All MitrCurr, Volts, 132 value 5, CmMitrCurr, Pera, ADCMitrCurr, Volts, 132 value 6, CmMitrCurr, Pera, ADCMitrCurr, Volts, 132 value 7, CmMitrCurr, Pera, ADCMitrCurr, Volts, 132 value 8, MitrCurrEOLMoffset, Volts, 132 8, MitrCurrEOLMoffset, Volts, 132 9, CmMitrCurr, Pera, Venty, Volt, 132, value 9, CmMitrCurr, Pera, John Curr, Volts, 132 9, CmMitrCurr, Pera, Venty, Volt, 132 9, CmMitrCurr, Pera, Venty, Volt, 132 9, CmMitrCurr, Pera, Venty, Volt, 132 9, CmMitrCurr, Pera, John Curr, Volts, 132 9, CmMitrCurr, Pera, John Curr, CmMitrCurr, Pera, ADCMitrCurr, Volts, 132 9, CmMitrCurr, Pera, John MitrCurr, Pera, ADCMitrCurr, Volts, 132 9, CmMitrCurr, Pera, MitrCurr, MitrCurr, Pera, ADCMitr				
CmMtrCurr_MtrCurrSumLy Vol_M_132				
CmMtrCurr, MtrCurrSumHi, Volt, M, 132   132,864993   33134.0195				
CmMtrCurr SumLo_Voit_M_f32				
CmMtrCurr_MtrCurrSumZero_Volt_M_f32         44898 4609           CmMtrCurr_MtrCurr2Offsetb_Volt_M_f32         2.52430105           CmMtrCurr_MtrCurr2Offsetb_Volt_M_f32         3.2660001           CmMtrCurr_MtrCurr2SumLo_Volt_M_f32         4.8999981           CmMtrCurr_MtrCurr2SumLo_Volt_M_f32         21369.5801           CmMtrCurr_MtrCurr2SumLo_Volt_M_f32         18428.4707           CmMtrCurr_MtrCurrSumCer_Volt_M_f32         380.300.1953           CmMtrCurr_MtrCurr2SumLo_Volt_M_f32         386.34989           CmMtrCurr_VeucSum_Volt_M_f32         366.34989           Rte_Inst_Sa_CmMtrCurr         tg_Re_Inst_Sa_CmMtrCurr           K_UrrOffModAyQ_Cnt_u16         40           K_MaxCurrOffMtrVel_Radps_f32         19.1226902           K_MtrCurrECLMaxOffset_Volts_f32         3           K_MtrCurrCLMinOffset_Volts_f32         3           K_MtrCurrCLMinOffset_Volts_f32         3           K_MtrCurr_CLMinOffset_Volts_f32         3           K_MtrCurr_CLMinOffset_Volts_f32         1.86613079           tgl_CmMtrCurr_Per3_ADCMtrCurr_Volts_f32-value         1.86613079           tgl_CmMtrCurr_Per3_Volts_f4, Kph_f52-value         16.249506           tgl_CmMtrCurr_Per3_Volts_f4, Kph_f52-value         16.249506           tgl_CmMtrCurr_Per3_Volts_f4, Kph_f52-value         16.099243				
CmMtrCurr_NtrCurr2Offsettbi_Volt_M_f32         2.52430105           CmMtrCurr_MtrCurr2Offsettb_Volt_M_f32         3.2550001           CmMtrCurr_MtrCurr2Stextbi_Volt_M_f32         4.6999981           CmMtrCurr_MtrCurr2Sumbi_Volt_M_f32         3           CmMtrCurr_MtrCurr2Sumb_Volt_M_f32         1389.5801           CmMtrCurr_MtrCurr2SumCovolt_M_f32         18428.4707           CmMtrCurr_Volt_MCmd_Volt_M_f32         30300.1953           CmMtrCurr_Volt_M_f32         3868.39489           CmMtrCurr_Volt_M_f32         4868.39489           CmMtrCurr_Volt_M_f32         49.2860.20           K_Lanc_MtrCurr_Volt_M_f32         49.2860.20           K_Lanc_MtrCurr_Volt_M_f32         49.2860.20           K_Lanc_MtrCurr_Volt_M_f32         3           K_MtrCurr_Coll_MacOffset_Volts_f32         3           K_MtrCurr_Coll_MacOffset_Volts_f32         3           K_MtrCurr_Coll_MacOffset_Volts_f32         3           K_MtrCurr_Coll_MtrCurr_Volts_f32.value         1.65613079           tgt_CmMtrCurr_Per3_ADCMtrCurr_Volts_f32.value         1.6893028           tgt_CmMtrCurr_Per3_MtrCurr_Volts_f32.value         16.249506           tgt_CmMtrCurr_Per3_Volts_f42.value         15.6999243           tgt_CmMtrCurr_Per3_Volts_f40_Id_Cnt_lgc_value         0           tgt_Pim_shCurrCal_EOLMtrCurrCoffset				
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32         3.2650001           CmMtrCurr_MtrCurr2DfsetZero_Volt_M_f32         4.6999981           CmMtrCurr_MtrCurr2SumLo_Volt_M_f32         21369.5801           CmMtrCurr_MtrCurr2SumLo_Volt_M_f32         18428.4707           CmMtrCurr_CmtrCurr2GumLo_Volt_M_f32         30300.1953           CmMtrCurr_Curr2Gum_Volt_M_f32         30300.1953           CmMtrCurr_VecuSum_Volt_M_f32         366.394989           Rte_Inst_Sa_CmMtrCurr         tgt_Rte_Inst_Sa_CmMtrCurr           k_CurroffNotAvg_Cnt_u16         40           k_MmcCurrOffMtrVel_Radps_f32         19.1226902           k_MtrCurrEOLMsoCffset_Volts_f32         3           k_MtrCurrEOLMinOffset_Volts_f32         3           k_MtrCurrOftLoComOff_Cnt_u16         1100           tgt_CmMtrCurr_Per3_ADCMtrCurr_Volts_f32.value         1.85613079           tgt_CmMtrCurr_Per3_ADCMtrCurr_Volts_f32.value         1.85613079           tgt_CmMtrCurr_Per3_ADCMtrCurr_Volts_f32.value         1.6549506           tgt_CmMtrCurr_Per3_ADCMtrCurr_Volts_f32.value         16.249506           tgt_CmMtrCurr_Per3_Verspd_vill_Cnt_j62.value         0           tgt_Pim_ShCurrCall_EOLMtrCurrCurroffsetLo_Volts_f32         1.8406.1914           tgt_Pim_ShCurrCall_EOLMtrCurrOffsetLo_Volts_f32         1.8406.1914           tgt_Pim_ShCurrCall_EOLMtrCurrCur				
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32         4.69999881           CmMtrCurr_MtrCurr2SumLy_Volt_M_f32         21389_5801           CmMtrCurr_MtrCurr2SumCy_Volt_M_f32         18428_4707           CmMtrCurr_MtrCurr2SumCy_Volt_M_f32         30300.1953           CmMtrCurr_MtrCurr2SumCy_Volt_M_f32         30300.1953           CmMtrCurr_VecuSum_Volt_M_f32         366.394899           Rte_Inst_Sa_CmMtrCurr         tgt_Rte_Inst_Sa_CmMtrCurr           k_CurrCMNoofavg_Cnt_u16         40           k_MaxCurrGMtrVet_Radps_f32         19.1226902           k_MtrCurrEOLMaxOffset_Volts_f32         3           k_MtrCurrEOLMinOffset_Volts_f32         3           k_MtrCurrEOLMinOffset_Volts_f32         3           k_MtrCurr_Per3_ADCMtrCurr1_Volts_f32.value         1.65613079           tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value         1.85613079           tgt_CmMtrCurr_Per3_MtrVelw_fracps_f32_value         1.65613079           tgt_CmMtrCurr_Per3_Verse_Volt_f32_value         16.249506           tgt_CmMtrCurr_Per3_Verse_Volt_f32_value         16.29506           tgt_CmMtrCurr_Per3_Verse_Volt_f32_value         0           tgt_CmMtrCurr_Per3_Verse_Volt_f32_value         0           tgt_CmMtrCurr_Per3_Verse_Volt_f32_value         0           tgt_CmMtrCurr_Der3_Verse_Volt_f32_value         0 <tr< td=""><td></td><td></td><td></td><td></td></tr<>				
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32         21869.5801           CmMtrCurr_MtrCurr2SumLo_Volt_M_f32         18428.4707           CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32         30300.1953           CmMtrCurr_ValCmd_VoltCnt_M_f32         366.394989           Rte_Inst_Sa_CmMtrCurr         tgt_Rte_Inst_Sa_CmMtrCurr           k_ UnroffNoofAvg_Cnt_u16         40           k_ McCurrEOLMaxOffSet_Volts_f32         3           k_ MtrCurrEOLMinOffSet_Volts_f32         3           k_ MtrCurrEOLMinOffSet_Volts_f32         3           k_ MtrCurrEOLMinOffSet_Volts_f32         3           k_ MtrCurr_Perd_ADCMtrCurr_Volts_f32-value         1.65613079           tgt_CmMtrCurr_Perd_ADCMtrCurr_Volts_f32-value         1.65613079           tgt_CmMtrCurr_Perd_ADCMtrCurr_Volts_f32-value         1.65930208           tgt_CmMtrCurr_Perd_ADCMtrCurr_Volts_f32-value         16.249506           tgt_CmMtrCurr_Perd_Volts_f0x_f0x_f0x_f0x_f0x_f0x_f0x_f0x_f0x_f0x				
CmMtrCurr_MtrCurr2sumLo_Volt_M_f32         21369.5801           CmMtrCurr_MtrCurr2sumZero_Volt_M_f32         18428.4707           CmMtrCurr_VecuSum_Volt_M_f32         30300.1953           CmMtrCurr_VecuSum_Volt_M_f32         366.394989           Rte_Inst_Sa_CmMtrCurr         tg_Rel_inst_Sa_CmMtrCurr           k_CurrOffNoofAvg_Cnt_u16         40           k_MaxCurrOffMtrVel_Radp5_f32         19.1226902           k_MtrCurrEOLMaxOffset_Volts_f32         3           k_MtrCurrEOLMinOffset_Volts_f32         3           k_MtrCurrOffLocoMoff_Cnt_u16         1100           tgl_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value         1.65613079           tgl_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value         31.45           tgl_CmMtrCurr_Per3_MerVel_MtrRadp5_f32.value         16.249506           tgl_CmMtrCurr_Per3_VerSpd_Kph_f32.value         16.249506           tgl_CmMtrCurr_Per3_VerSpd_Kph_f32.value         16.249506           tgl_CmMtrCurr_Per3_VerSpd_Kph_f32.value         16.249506           tgl_Pim_ShCurrCal_EOLMtrCurrValCmd_VoltCnts_f32         18406.1914           tgl_Pim_ShCurrCal_EOLMtrCurrOffsetto_Volts_f32         2.08178864           tgl_Pim_ShCurrCal_EOLMtrCurrOffsetto_Volts_f32         3           tgl_Pim_ShCurrCal_EOLMtrCurr_Offsettoff_Volts_f32         15.9187484           tgl_Pim_ShCurrCal_EOLMtrCurr_				
CmMtrCurr_Mrcurr2sumZero_volt_M_f32         18428.4707           CmMtrCurr_Mrcurr3cmd_volt_Cml_M_f32         30500.1953           CmMtrCurr_VecuSum_volt_M_f32         366.394989           Rte_Inst_Sa_CmMtrCurr         tgt_Rte_Inst_Sa_CmMtrCurr           k_CurrOffNorOxAvg_Cnt_u16         40           k_MaxCurrOffMtrVel_RadpS_f32         19.1226902           k_MtrCurrEOLMinOffset_Volts_f32         3           k_MtrCurrEOLMinOffset_Volts_f32         3           k_MtrCurrEOLMinOffset_Volts_f32         1100           tgt_CmMtrCurr_Per3_ADCMtrCurr_Volts_f32.value         1.65613079           tgt_CmMtrCurr_Per3_ADCMtrCurr_Volts_f32.value         1.8903208           tgt_CmMtrCurr_Per3_Verspd_Kph_f32.value         18.45           tgt_CmMtrCurr_Per3_Verspd_Kph_f32.value         15.6099243           tgt_CmMtrCurr_Per3_Verspd_Kph_f32.value         15.6099243           tgt_Pim_ShCurrCal.EOLMtrCurrVolacCmd_VollCnts_f32         18406.1914           tgt_Pim_ShCurrCal.EOLMtrCurrVolfsettle_Volts_f32         2.8178884           tgt_Pim_ShCurrCal.EOLMtrCurrYOffsettle_Volts_f32         3           tgt_Pim_ShCurrCal.EOLMtrCurr/Offsettle_Volts_f32         15.9187484           tgt_Pim_ShCurrCal.EOLMtrCurr Coffsettle_Volts_f32         15.9187484           tgt_Pim_ShCurrCal.EOLMtrCurr_Per3_ADCMtrCurr_Volts_f32         15.9187484				
CmMtrCurr_VetCurValCmd_VoltCnt_M_f32         30300.1953           CmMtrCurr_VecuSum_Volt_M_f32         366.394899           Rte_Inst_Sa_cmMtrCurr         tgt_Rte_Inst_Sa_cmMtrCurr           kc_UnrOffNoofAvg_Cnt_u16         40           k_McCurrOffMtrVel_Radps_f32         19.1226902           k_MtrCurrEOLMaxOffset_Volts_f32         3           k_MtrCurrOffLoComOff_Cnt_u16         1100           tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value         1.65613079           tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value         1.65613079           tgt_CmMtrCurr_Per3_MtrVel_MtrRadps_f32.value         16.249506           tgt_CmMtrCurr_Per3_WtrVel_MtrRadps_f32.value         16.249506           tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value         15.6099243           tgt_CmMtrCurr_Per3_VebSpd_Kph_f32.value         16.249506           tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32         18406.1914           tgt_Pim_ShCurrCal.EOLMtrCurrYcalCmd_VoltCnts_f32         2.08178854           tgt_Pim_ShCurrCal.EOLMtrCurr1Offsetto_Volts_f32         3           tgt_Pim_ShCurrCal.EOLMtrCurr2Offsetto_Volts_f32         3           tgt_Pim_ShCurrCal.EOLMtrCurr2Offsetto_fVolts_f32         1.59187484           tgt_Pim_ShCurrCal.EOLMtrCurr_Per3_ADCMtrCurr_Volts_f32         1gt_CmMtrCurr_Per3_ADCMtrCurr_Volts_f32           tgt_Rel_inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADC				
CmMtrCurr_VecuSum_Volt_M_f32         366.394989           Rte_Inst_Sa_CmMtrCurr         tgt_Rte_Inst_Sa_CmMtrCurr           k_CurrOffNoofAvg_Cnt_u16         40           k_MaxCurrOffMtVet_RadpS_f32         19.1226902           k_MtrCurrEOLMinOffSet_Volts_f32         3           k_MtrCurrOffLoCmOff_Cnt_u16         1100           tgt_CmMtrCurr_Per3_ADCMtrCurr_Volts_f32 value         1.65613079           tgt_CmMtrCurr_Per3_ADCMtrCurr_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_Pim_ShCurrCalEOLMtrCurrVacIcnd_VollCnts_f32         18406.1914           tgt_Pim_ShCurrCalEOLMtrCurrYoffsetLo_Volts_f32         2.08178854           tgt_Pim_ShCurrCalEOLMtrCurrOffsetLo_Volts_f32         3           tgt_Pim_ShCurrCalEOLMtrCurrOffsetLo_Volts_f32         1.59187484           tgt_Pim_ShCurrCalEOLMtrCurr_Per3_ADCMtrCurr_Volts_f32         1gt_CmMtrCurr_Per3_ADCMtrCurr_Volts_f32           tgt_Rie_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr_Volts_f32         1gt_CmMtrCurr_Per3_ADCMtrCurr_Volts_f32           tgt_Rie_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr_Volts_f32         1gt_CmMtrCurr_Per3_ADCMtrCurr_Volts_f32           tgt_Rie_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32				
Rte_Inst_Sa_CmMtrCurr         tgt_Rte_Inst_Sa_CmMtrCurr           k_CurrOffNotAvg_Cnt_u16         40           k_MaxCurrOffMtvel_RadpS_f32         19.1226902           k_MtrCurrEOLMaxOffSet_Volts_f32         3           k_MtrCurrEOLMinOffSet_Volts_f32         3           k_MtrCurrEOLMinOffSet_Volts_f32         3           k_MtrCurrPer3_ADCMtrCurr1_Volts_f32.value         1100           tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value         1.85613079           tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value         11.8903208           tgt_CmMtrCurr_Per3_Veou_Volt_f32.value         16.249506           tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value         15.6099243           tgt_CmMtrCurr_Per3_VehSpd_Volt_Gnt_fgs.value         0           tgt_Pim_ShCurrCal_EOLMtrCurrVcalCmd_VoltCnts_f32         18406.1914           tgt_Pim_ShCurrCal_EOLMtrCurrYoffsetLo_Volts_f32         2.98178854           tgt_Pim_ShCurrCal_EOLMtrCurrOffsetLo_Volts_f32         3           tgt_Pim_ShCurrCal_EOLMtrCurrOffsetLo_Volts_f32         1.59187484           tgt_Pim_ShCurrCal_EOLMtrCurr_OffsetDif_Volts_f32         tgt_CmMtrCurr_Per3_ADCMtrCurr_Volts_f32           tgt_Re_inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32         tgt_CmMtrCurr_Per3_ADCMtrCurr_Volts_f32           tgt_Re_inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr_Volts_f32         tgt_CmMtrCurr_Per3_ADCMtrCurr_Volts_f32     <				
k_CurrOffNorfAvg_Cnt_u16         40           k_MacCurrOffMtrVel_RadpS_f32         19.1226902           k_MtrCurrEOLMaxOffset_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_ADCMtrCurr2_Volts_f32.value         16.249506           tgt_CmMtrCurr_Per3_VehSpd_Kpf_f32.value         16.249506           tgt_CmMtrCurr_Per3_VehSpd_Kpf_f32.value         15.6099243           tgt_CmMtrCurr_Per3_VehSpd_Valid_Cnt_lgc.value         0           tgt_Pim_ShCurrCal.EOLMtrCurr2/CalCmd_VoltCnts_f32         18406.1914           tgt_Pim_ShCurrCal.EOLMtrCurr2/OffsetLo_Volts_f32         2.08178854           tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32         3           tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32         1.59187484           tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32         159187484           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_VebSp_Kph_f32         tgt_CmMtrCurr_Per3_MerSp_Kph_Kph_f32           tgt_Rte_inst_Sa_CmM	CmMtrCurr_VecuSum_Volt_M_f32	366.394989		
k_MaxCurrOffMtrVel_RadpS_f32         19.1226902           k_MtrCurrEOLMaxOffset_Volts_f32         3           k_MtrCurrOftLoComOff_Cnt_u16         1100           tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value         1.656f3079           tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value         1.8903208           tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value         314.5           tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value         16.249506           tgt_CmMtrCurr_Per3_VeshSpd_Kph_f32.value         15.6099243           tgt_CmMtrCurr_Per3_vhSpdValid_Cnt_lgc.value         0           tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32         18406.1914           tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32         2.08178854           tgt_Pim_ShCurrCal.EOLMtrCurrOffsetIo_Volts_f32         3           tgt_Pim_ShCurrCal.EOLMtrCurrOffsetIof_Volts_f32         3           tgt_Pim_ShCurrCal.EOLMtrCurrOffsetDiff_Volts_f32         3           tgt_Pim_ShCurrCal.EOLMtrCurrOffsetDiff_Volts_f32         3           tgt_Pim_ShCurrCal.EOLMtrCurrOffsetDiff_Volts_f32         1.59187484           tgt_Pim_ShCurrCal.EOLMtrCurrOffsetDiff_Volts_f32         3           tgt_Rie_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr_Volts_f32         4gt_CmMtrCurr_Per3_ADCMtrCurr_Volts_f32           tgt_Rie_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr_Volts_f32         4gt_CmMtrCurr_Per3_ADCMtrCurr_Volts	Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
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_Venspd_Kph_f32.value         16.249506           tgt_CmMtrCurr_Per3_Venspd_Kph_f32.value         0           tgt_CmMtrCurr_Per3_Venspd_Kph_f32.value         0           tgt_Pim_ShCurrCal_EOLMtrCurrVcalCmd_VoltCnts_f32         18406.1914           tgt_Pim_ShCurrCal_EOLMtrCurrOffsetto_Volts_f32         2.08178854           tgt_Pim_ShCurrCal_EOLMtrCurrOffsetto_Volts_f32         3           tgt_Pim_ShCurrCal_EOLMtrCurrOffsetto_fivels_f32         1.59187484           tgt_Pim_ShCurrCal_EOLMtrCurrOffsetto_fivels_f32         1.59187484           tgt_Pim_ShCurrCal_EOLMtrCurr_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32         1gt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32           tgt_Rel_inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32         1gt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32           tgt_Rel_inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32         1gt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32           tgt_Rel_inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32         1gt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	k_CurrOffNoofAvg_Cnt_u16	· ·		
k_MtrCurrEOLMinOffset_Volts_f32         3           k_MtrCurrOffLoComOff_Cnt_u16         1100           tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32_value         1.56513079           tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32_value         1.18903208           tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32_value         314.5           tgt_CmMtrCurr_Per3_VebSpd_Kph_f32_value         16.249506           tgt_CmMtrCurr_Per3_VebSpd_Kph_f32_value         15.6099243           tgt_CmMtrCurr_Per3_VebSpd_Kph_f32_value         0           tgt_Pim_ShCurrCal_EOLMtrCurrVcalCmd_VoltCnts_f32         18406.1914           tgt_Pim_ShCurrCal_EOLMtrCurr1OffsetLo_Volts_f32         2.08178854           tgt_Pim_ShCurrCal_EOLMtrCurr1OffsetLo_Volts_f32         3           tgt_Pim_ShCurrCal_EOLMtrCurr1OffsetDiff_Volts_f32         1.59187484           tgt_Pim_ShCurrCal_EOLMtrCurr1OffsetDiff_Volts_f32         3           tgt_Pim_ShCurrCal_EOLMtrCurr_Per3_ADCMtrCurr1_Volts_f32         3           tgt_Pim_ShCurrCal_EOLMtrCurr_Per3_ADCMtrCurr1_Volts_f32         3           tgt_Pim_ShCurrCal_EOLMtrCurr_Per3_ADCMtrCurr_Per3_ADCMtrCurr_Per3_ADCMtrCurr_Volts_f32         3           tgt_Pim_ShCurrCal_EOLMtrCurr_Per3_ADCMtrCurr_Per3_ADCMtrCurr_Per3_ADCMtrCurr_Volts_f32         4           tgt_Re_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16         4         4           tgt_Re_Inst_Sa_CmMtrCurr.CmMtrCurr_P	k_MaxCurrOffMtrVel_RadpS_f32	19.1226902		
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_Veou_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_Pim_ShCurrCal.EOLMtrCurr-Per3_ADCMtrCurr1_volts_f32         tgt_CmMtrCurr_Per3_ADCMtrCurr1_volts_f32           tgt_Re_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_MtrVel_MtrRadpS_f32         tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32           tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VenSpd_Kph_f32         tgt_CmMtrCurr_Per3_VenSpd_Kph_f32 <td< td=""><td>k_MtrCurrEOLMaxOffset_Volts_f32</td><td>3</td><td></td><td></td></td<>	k_MtrCurrEOLMaxOffset_Volts_f32	3		
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_VenSpd_Kph_f32.value  tgt_CmMtrCurr_Per3_VenSpd_Kph_f32.value  tgt_CmMtrCurr_Per3_VenSpd_Kph_f32.value  tgt_CmMtrCurr_Per3_VenSpd_Kph_f32.value  tgt_Dim_ShCurrCal_EOLMtrCurr_Ver3_VenSpd_Valid_Cnt_lgc.value  tgt_Pim_ShCurrCal_EOLMtrCurr_Ver3_VenSpd_Valid_Cnt_lgc.value  tgt_Pim_ShCurrCal_EOLMtrCurr_VenSpd_Volts_f32  tgt_Pim_ShCurrCal_EOLMtrCurr_VenSpd_Volts_f32  tgt_Pim_ShCurrCal_EOLMtrCurr_VenSpd_Volts_f32  tgt_Pim_ShCurrCal_EOLMtrCurr_VenSpd_Volts_f32  tgt_Pim_ShCurrCal_EOLMtrCurr_VenSpd_Volts_f32  tgt_Pim_ShCurrCal_EOLMtrCurr_VenSpd_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_Lord_MtrAdpS_f32  tgt_Rte_Inst_Sa_CmMtrCurr_CmMtrCurr_Per3_VenSpd_Kph_f32  tgt_Rte_Inst_Sa_CmMtrCurr_CmMtrCurr_Per3_VenSpd_Kph_f32  tgt_Rte_Inst_Sa_CmMtrCurr_CmMtrCurr_Per3_VenSpd_Kph_f32  tgt_Rte_Inst_Sa_CmMtrCurr_CmMtrCurr_Per3_VenSpd_Kph_f32  tgt_Rte_Inst_Sa_CmMtrCurr_CmMtrCurr_Per3_VenSpd_Kph_f32  tgt_Rte_Inst_Sa_CmMtrCurr_CmMtrCurr_Per3_VenSpd_Kph_f32  tgt_CmMtrCurr_Per3_VenSpd_Kph_f32  tgt_CmMtrCurr_Per3_VenSpd_Kph_f32  tgt_CmMtrCurr_Per3_VenSpd_Kph_f32  tgt_CmMtrCurr_Per3_VenSpd_Kph_f32  tgt_CmMtrCurr_Per3_VenSpd_Kph_f32  tgt_CmMtrCurr_Per3_VenSpd_Kph_f32  tgt_CmMtrCurr_Per3_VenSpd_Kpd_Ind_Cnt_lgc  tgt_Pim_ShCurrCal	k_MtrCurrEOLMinOffset_Volts_f32	3		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value         1.18903208           tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value         314.5           tgt_CmMtrCurr_Per3_VerSpd_Kph_f32.value         16.249506           tgt_CmMtrCurr_Per3_VhSpd_Kph_f32.value         15.6099243           tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_Igc.value         0           tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32         18406.1914           tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32         2.08178854           tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32         3           tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32         1.59187484           tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32         3           tgt_Rel_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32         tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32           tgt_Rel_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32         tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32           tgt_Rel_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16         tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32           tgt_Rel_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32         tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32           tgt_Rel_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32         tgt_CmMtrCurr_Per3_VehSpd_Kph_f32           tgt_CmMtrCurr_Per3_VehSpd_Kph_f32         tgt_CmMtrCurr_Per3_VehSpd_Kph_f32           tgt_CmMtrCurr_Per3_VehSpd_Kph_f32         tgt_CmMtrCurr_Per3_Ve	k_MtrCurrOffLoComOff_Cnt_u16	1100		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value  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.EOL.MtrCurr\CalCmd_VoltCnts_f32  tgt_Pim_ShCurrCal.EOL.MtrCurrOffsett_O_Volts_f32  tgt_Pim_ShCurrCal.EOL.MtrCurrOffsett_O_Volts_f32  tgt_Pim_ShCurrCal.EOL.MtrCurrOffset.DVolts_f32  tgt_Pim_ShCurrCal.EOL.MtrCurrOffset.DVolts_f32  tgt_Pim_ShCurrCal.EOL.MtrCurrOffset.DVolts_f32  tgt_Pim_ShCurrCal.EOL.MtrCurrOffset.DVolts_f32  tgt_Pim_ShCurrCal.EOL.MtrCurrOffset.DVolts_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_ADCMtrCurr2_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Volt_MtrRadpS_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Volt_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Volt_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Volt_f32  tgt_CmMtrCurr_Per3_Volt_Volt_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	1.65613079		
tgt_CmMtrCurr_Per3_Vecb_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  tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32  tgt_Rel_inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32  tgt_Rte_lnst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32  tgt_Rte_lnst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32  tgt_Rte_lnst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16  tgt_Rte_lnst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32  tgt_Rte_lnst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32  tgt_Rte_lnst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32  tgt_Rte_lnst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32  tgt_Rte_lnst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32  tgt_Rte_lnst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Valid_Cnt_lgc  tgt_Rte_lnst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc  tgt_Pim_ShCurrCal	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.18903208		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_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_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_VhSpdValid_Cnt_lgc tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	314.5		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1Offsett_o_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1Offsett_o_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_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_WtrVel_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_Valid_Cnt_lgc tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	16.249506		
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.EOLMtrCurr1OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_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_Valid_Cnt_lgc tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc tgt_Pim_ShCurrCal	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	15.6099243		
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_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_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	0		
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_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_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Valid_Cnt_lgc tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	18406.1914		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_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_Valid_Cnt_lgc tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.08178854		
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_VehSpd_Kph_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc  tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal  tgt_Pim_ShCurrCal	tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Rte_Inst_Sa_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_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal tgt_Pim_ShCurrCal	tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32	1.59187484		
tgt_Rte_Inst_Sa_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_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal tgt_Pim_ShCurrCal	tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_Rte_Inst_Sa_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr_Per3_WtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr_Per3_Ver3_Ver3_Ver3_Ver3_Ver3_Ver3_Ver3_V	<u> </u>	tgt_CmMtrCurr_Per3_ADCMt	rCurr1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr_Per3_ComOffset_Cnt_u16  tgt_Rte_Inst_Sa_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32  tgt_Rte_Inst_Sa_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32  tgt_Rte_Inst_Sa_CmMtrCurr_Per3_Vecu_Volt_f32  tgt_Rte_Inst_Sa_CmMtrCurr_Per3_Ves_Volt_f32  tgt_Rte_Inst_Sa_CmMtrCurr_Per3_Ves_Volt_f32  tgt_Rte_Inst_Sa_CmMtrCurr_Per3_Ves_Volt_f32  tgt_Rte_Inst_Sa_CmMtrCurr_Per3_Ves_Volt_f32  tgt_Rte_Inst_Sa_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc  tgt_Rte_Inst_Sa_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc  tgt_Rte_Inst_Sa_CmMtrCurr_Pin_ShCurrCal  tgt_Pin_ShCurrCal				
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal tgt_Pim_ShCurrCal				
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_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc  tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal  tgt_Pim_ShCurrCal				
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_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal  tgt_Pim_ShCurrCal				
tgt_Rte_Inst_Sa_CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Rte_Inst_Sa_CmMtrCurr_Pim_ShCurrCal tgt_Pim_ShCurrCal				
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal tgt_Pim_ShCurrCal				
			- 44590	
			Expected Value	Resul
ComMittee CurreOffAvaCounter Cat M vide			· ·	Resul

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	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3.98539996	3.98539996 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.64458537	2.64458537 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.64458537	2.64458537 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	132.664993	132.664993 ± 0.0003	•
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	33134.0195	33134.0195 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	44898.4609	44898.4609 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.52430105	2.52430105 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3.2650001	3.2650001 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	4.69999981	4.69999981 ± 0.0003	~





Name	Actual Value	Expected Value	Result
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	3	3 ± 0.0003	<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	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	<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	<b>✓</b>
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	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	<b>✓</b>
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	~
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	<b>✓</b>
CmMtrCurr_VecuSum_Volt_M_f32	377.524994	377.524994 ± 0.0009765625	•
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	57525.4609	57525.4609 ± 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	2.54585195	2.54585195 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.38396788	2.38396788 ± 0.0003	<b>✓</b>

Test Step Call Trace				<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 2.16 (Repeat Count = 1)			9	
Name	Input Value			
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	14			
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF HIAVERAGE			
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1			
CmMtrCurr CurroffProcessFlag M enum	1			
CmMtrCurr MtrCurr1OffsetHi Volt M f32	3.75889993			
CmMtrCurr MtrCurr1OffsetLo Volt M f32	1.78107488			
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.78107488			
CmMtrCurr MtrCurr1SumHi Volt M f32	154.925003			
CmMtrCurr MtrCurr1SumLo Volt M f32	39016.2383			
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	154.925003			
CmMtrCurr MtrCurr2OffsetHi Volt M f32	2.03602362			
CmMtrCurr MtrCurr2OffsetLo Volt M f32	3.98749995			
CmMtrCurr MtrCurr2OffsetZero Volt M f32	2.92550302			
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.3337326			
CmMtrCurr MtrCurr2SumLo Volt M f32	27251.8008			
CmMtrCurr MtrCurr2SumZero Volt M f32	24310.6895			
CmMtrCurr MtrCurrValCmd VoltCnt M f32	3614.49951			
CmMtrCurr_VecuSum_Volt_M_f32	388.654999			
Rte Inst Sa CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr			
k CurrOffNoofAvg Cnt u16	50			
k_MaxCurrOffMtrVel_RadpS_f32	-4.23487806			
k MtrCurrEOLMaxOffset Volts f32	1.40606785			
k MtrCurrEOLMinOffset Volts f32	3			
k MtrCurrOffLoComOff Cnt u16	1200			
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	3			
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.92189884			
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	-610.5			
tgt CmMtrCurr Per3 Vecu Volt f32.value	30.7622643			
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	214.670868			
tgt CmMtrCurr Per3 VhSpdValid Cnt lgc.value	1			
tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	14597.293			
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	1.34711111			
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3			
tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32	1.97548544			
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	2.10774446			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f3	2		
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	Resu	

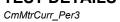




Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3.75889993	3.75889993 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.78107488	1.78107488 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.78107488	1.78107488 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	154.925003	154.925003 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	39016.2383	39016.2383 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	154.925003	154.925003 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.03602362	2.03602362 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3.98749995	3.98749995 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.92550302	2.92550302 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.3337326	1.3337326 ± 0.0003	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	27251.8008	27251.8008 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	24310.6895	24310.6895 ± 0.0003	~
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	3614.49951	3614.49951 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	388.654999	388.654999 ± 0.0009765625	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	<b>✓</b>
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	<b>✓</b>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	<b>✓</b>

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
G	[3_2





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	h_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid	_Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	15	15 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.40540409	2.40540409 ± 0.0003	<b>✓</b>
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	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	<b>✓</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	55094.5625	55094.5625 ± 0.004	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.94090986	1.94090986 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.16279387	2.16279387 ± 0.0003	~

Test Step Call Trace				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

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

tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32

tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetLo\_Volts\_f32

tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetDiff\_Volts\_f32

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





Name	Input Value		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.4267602		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.13100731		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr	1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr	2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_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	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	16	16 ± 1	-
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	•
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	-
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	•
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 ± 0.0003	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.06366134	2.06366134 ± 0.0003	•
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.06366134	2.06366134 ± 0.0003	-
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	12546.25	12546.25 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	44898.4609	44898.4609 ± 0.0003	-
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	177.184998	177.184998 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.44942665	2.44942665 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.3681531	2.3681531 ± 0.0003	
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.37339675	1.37339675 ± 0.0003	•
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	33134.0195	33134.0195 ± 0.0003	
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	30192.9102	30192.9102 ± 0.0003	•
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	32372.3828	32372.3828 ± 0.001	<b>~</b>
CmMtrCurr_VecuSum_Volt_M_f32	410.915009	410.915009 ± 0.0009765625	•
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	-

Test Step Call Trace				<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	~

33462.3984

1.43301225

2.2017374

1.4267602

1.13100731

33462.3984 ± 0.004

1.43301225 ± 0.0003

2.2017374 ± 0.0003

1.4267602 ± 0.0003

1.13100731 ± 0.0003

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

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_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_VehSpc	_Kph_f32	
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		
Namo	Actual Value	Expected Value	Pocult

tgt_Rte_inst_sa_cmixtrcutr.Pim_shcutrcal	tgt_Piiii_Silcuircai		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	17	17 ± 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	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	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.66692173	1.66692173 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.1426152	1.1426152 ± 0.0003	~
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	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	53783.1406	53783.1406 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.19870925	1.19870925 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.58489704	2.58489704 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.38878167	1.38878167 ± 0.0003	<u> </u>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Test Step 2.20 (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	77-24, 13.44.00+0330		Razorcat
Name	Input Value		
k_MtrCurrEOLMaxOffset_Volts_f32	2.7211206		
k_MtrCurrEOLMinOffset_Volts_f32	2.02014756		
k_MtrCurrOffLoComOff_Cnt_u16	1400		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0.224947453		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.9297123		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	396.243774		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	5.44003773		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	126.843292		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	0		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	1546.61206		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.69203067		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.44071484		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1	_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2	2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_C	nt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRa	adpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f3	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph	_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_	Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	18	18 ± 1	✓
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	✓
CmMtrCurr CurroffProcessFlag M enum	3	3	<b>✓</b>

tgt_Rte_inst_3a_CiliwitiCull.Filli_SilCullCal	tgt_Filli_Silculical		
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	✓
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	<b>✓</b>
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	✓
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	<b>✓</b>
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	•
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	~

Test Step Call Trace				<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	

CmMtrCurr\_Per3



Name	Input Value		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	39016.2383		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	72475.2188		
CmMtrCurr_VecuSum_Volt_M_f32	444.304993		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	75		
k_MaxCurrOffMtrVel_RadpS_f32	6.76178551		
k_MtrCurrEOLMaxOffset_Volts_f32	3		
k_MtrCurrEOLMinOffset_Volts_f32	3		
k_MtrCurrOffLoComOff_Cnt_u16	1450		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	3		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	0.824068785		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	-167.069183		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	9.52959633		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	249.121536		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	27077.7988		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.92295754		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	19	19 ± 1	~

@CC	1912-1112-1112-11		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	19	19 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	•
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.19999981	4.19999981 ± 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	•
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	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3	3 ± 0.0003	•
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	25.1210327	25.1210327 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	41957.3516	41957.3516 ± 0.0003	•
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	39016.2383	39016.2383 ± 0.0003	<b>✓</b>
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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.92295754	1.92295754 ± 0.0003	•
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	<b>✓</b>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	•

Test Step 2.22 (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	

CmMtrCurr\_Per3

2016-07-24, 13:44:06+0530



Name	Input Value		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	221.705002		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	23.8775063		
CmMtrCurr MtrCurr2SumLo Volt M f32	44898.4609		
CmMtrCurr MtrCurr2SumZero Volt M f32	41957.3516		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	46984.3398		
CmMtrCurr VecuSum Volt M f32	455.434998		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	80		
k MaxCurrOffMtrVel RadpS f32	-18.0829964		
k MtrCurrEOLMaxOffset Volts f32	1.20897365		
k MtrCurrEOLMinOffset Volts f32	3		
k MtrCurrOffLoComOff Cnt u16	1500		
tgt CmMtrCurr Per3 ADCMtrCurr1 Volts f32.value	2.09947371		
tgt CmMtrCurr Per3 ADCMtrCurr2 Volts f32.value	2.35451436		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	265.244537		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	18.7624416		
tgt CmMtrCurr Per3 VehSpd Kph f32.value	97.4316254		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	0		
tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	12611.4561		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	1.57766676		
tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32	2.70045638		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.75820065		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr	1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr	2_Volts_f32	
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ComOffset Cnt u16	tgt CmMtrCurr Per3 ComOffset (	Cnt u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrR	adpS f32	
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 Vecu Volt f32	tgt CmMtrCurr Per3 Vecu Volt f		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kpl	n f32	
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 VhSpdValid Cnt Igc	tgt CmMtrCurr Per3 VhSpdValid		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	20	20 ± 1	_
CmMtrCurr CurrOffState Uls M enum	CURROFF INTIALISE	CURROFF INTIALISE	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	
CmMtrCurr MtrCurr1OffsetHi Volt M f32	4.30000019	4.30000019 ± 0.0003	
CmMtrCurr MtrCurr1OffsetLo Volt M f32	2.3003974	2.3003974 ± 0.0003	
CmMtrCurr MtrCurr1OffsetZero Volt M f32	2.3003974	2.3003974 ± 0.0003	
CmMtrCurr MtrCurr1SumHi Volt M f32	24310.6895	24310.6895 ± 0.0003	
CmMtrCurr MtrCurr1SumLo Volt M f32	1.34184277	1.34184277 ± 0.0003	
CmMtrCurr MtrCurr1SumZero Volt M f32	221.705002	221.705002 ± 0.0003	
CmMtrCurr MtrCurr2OffsetHi Volt M f32	3	3 ± 0.0003	
CmMtrCurr MtrCurr2OffsetLo Volt M f32	3	3 ± 0.0003	
		0 2 0.0000	

CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	44898.4609	44898.4609 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	41957.3516	41957.3516 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	46984.3398	46984.3398 ± 0.001	<b>✓</b>
CmMtrCurr_VecuSum_Volt_M_f32	455.434998	455.434998 ± 0.0009765625	<b>✓</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	✓
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	12611.4561	12611.4561 ± 0.004	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.57766676	1.57766676 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.70045638	2.70045638 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.75820065	1.75820065 ± 0.0003	✓
Test Step Call Trace			<b>✓</b>
and the second s			

Count Expected Function

1

Rte\_Call\_CmMtrCurr\_Per3\_CP0\_CheckpointReached

 $Rte\_Call\_CmMtrCurr\_Per3\_CP1\_CheckpointReached$ 

23.8775063

3 ± 0.0003

23.8775063 ± 0.0003

Test Step 2.23 (Repeat Count = 1)		✓
Name	Input Value	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	21	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	
CmMtrCurr CurrOffTrimFlag Cnt M lgc	0	

Rte\_Call\_CmMtrCurr\_Per3\_CP0\_CheckpointReached

 $Rte\_Call\_CmMtrCurr\_Per3\_CP1\_CheckpointReached$ 

 $CmMtrCurr\_MtrCurr2OffsetZero\_Volt\_M\_f32$ 

 $CmMtrCurr\_MtrCurr2SumHi\_Volt\_M\_f32$ 

**Actual Function** 

Count Result

1

CmMtrCurr\_Per3

2016-07-24, 13:44:06+0530



Nome	Input Value		
Name CmMtrCurr_CurroffProcessFlag_M_enum	3		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.4000001		
CmMtrCurr MtrCurr1OffsetLo Volt M f32	2.18853402		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.18853402		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	27251.8008		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.0530895		
CmMtrCurr MtrCurr1SumZero Volt M f32	232.835007		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.72687054		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.30570102		
CmMtrCurr MtrCurr2OffsetZero Volt M f32	2.44151449		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	125.410637		
CmMtrCurr MtrCurr2SumLo Volt M f32	47839.5703		
CmMtrCurr MtrCurr2SumZero Volt M f32	44898.4609		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	31777.1211		
CmMtrCurr_VecuSum_Volt_M_f32	466.565002		
Rte Inst Sa CmMtrCurr			
k_CurrOffNoofAvg_Cnt_u16	tgt_Rte_Inst_Sa_CmMtrCurr 85		
	17.3677788		
k_MaxCurrOffMtrVel_RadpS_f32	3		
k_MtrCurrEOLMaxOffset_Volts_f32	3		
k_MtrCurrEOLMinOffset_Volts_f32			
k_MtrCurrOffLoComOff_Cnt_u16	569		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	3		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	3		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	-576.014526		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	15.9636936		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	124.059662		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	78596.2422		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.66544139		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.41828871		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.1423645		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.47283912		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrF		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_t		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kp		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid	_Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	21	21 ± 1	-
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	•
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	-
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	•
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.4000001	4.4000001 ± 0.0003	<b>-</b>
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.18853402	2.18853402 ± 0.0003	<b>-</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.18853402	2.18853402 ± 0.0003	<b>-</b>
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	27251.8008	27251.8008 ± 0.0003	•
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.0530895	1.0530895 ± 0.0003	-
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	232.835007	232.835007 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.72687054	2.72687054 ± 0.0003	-
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.30570102	1.30570102 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.44151449	2.44151449 ± 0.0003	-
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	125.410637	125.410637 ± 0.0003	•
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	47839.5703	47839.5703 ± 0.0003	•
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	44898.4609	44898.4609 ± 0.0003	•
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	31777.1211	31777.1211 ± 0.001	-
CmMtrCurr_VecuSum_Volt_M_f32	466.565002	466.565002 ± 0.0009765625	•
tat CmMtrCurr Par2 CamOffeet Cnt u16 value	0	0 + 1	

Test Step Call Trace				<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>

0

78596.2422

1.66544139

1.41828871

2.1423645

1.47283912

0 ± 1

78596.2422 ± 0.004

1.66544139 ± 0.0003

1.41828871 ± 0.0003

2.1423645 ± 0.0003

1.47283912 ± 0.0003

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

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

tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32

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

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



Test Step 2.24 (Repeat Count = 1)			<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>



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	<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		
CmMtrCurr MtrCurrValCmd VoltCnt M f32	50238.3359		
CmMtrCurr_VecuSum_Volt_M_f32	488.825012		
Rte Inst Sa CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k CurrOffNoofAvg Cnt u16	95		
k MaxCurrOffMtrVel RadpS f32	20		
k MtrCurrEOLMaxOffset Volts f32	3		
k_MtrCurrEOLMinOffset_Volts_f32	1.15867352		
k_MtrCurrOffLoComOff_Cnt_u16	635		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	3		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	0.123802423		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	-282.08429		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	15		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	148.213425		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	10727.9072		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.96896577		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.0980438		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.91172564		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_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		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt CmMtrCurr Per3 VehSpd Kp		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 VhSpdValid Cnt Igc	tgt CmMtrCurr Per3 VhSpdValid	_	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resul
CmMtrCurr CurrOffAvgCounter Cnt M u16	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	
Oniviti Gan _iviti Gan _iviti Gan _iviti Joz	2.220000	2.22020000 I 0.0000	

1.07224905

306.320007

121.535004

50238.3359

488.825012

36.25

0

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

 $CmMtrCurr\_MtrCurr2OffsetZero\_Volt\_M\_f32$ 

 $CmMtrCurr\_MtrCurr2SumHi\_Volt\_M\_f32$ 

 $CmMtrCurr\_MtrCurr2SumLo\_Volt\_M\_f32$ 

CmMtrCurr\_VecuSum\_Volt\_M\_f32

 $CmMtrCurr\_MtrCurr2SumZero\_Volt\_M\_f32$ 

 $CmMtrCurr\_MtrCurrValCmd\_VoltCnt\_M\_f32$ 

1.07224905 ± 0.0003

306.320007 ± 0.0003

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	✓
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	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.91172564	1.91172564 ± 0.0003	<b>✓</b>
tot Pim ShCurrCal FOI MtrCurr2OffeetDiff Volte f32	3	3 + 0 0003	

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	<b>~</b>

Test Step 2.26 (Repeat Count = 1)			<b>✓</b>
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		
	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	100		
k_MaxCurrOffMtrVel_RadpS_f32	7.48777437		
k_MtrCurrEOLMaxOffset_Volts_f32	2.68959165		
	1.08763385		
	987		
	2.36983299		
°	1.32406759		
92 2	-663.051086		
°	12.4553289		
	172.531006		
0= = = 1 = =0	0		
<b>3</b> 2	16086.1211		
	1.52357078		
32 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3		
	2.91988373		
	2.69713283	•	
	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f3		
	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f3	2	
	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	Expected Value	Result
Name			

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	24	24 ± 1	<b>✓</b>
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	4.69999981	4.69999981 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3.25399995	3.25399995 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3.25399995	3.25399995 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	36075.1289	36075.1289 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	303.209991	303.209991 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	266.225006	266.225006 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3.89499998	3.89499998 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.14313006	2.14313006 ± 0.0003	<b>✓</b>



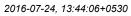


Name	Actual Value	Expected Value	Result
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	311.214996	311.214996 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	132.664993	132.664993 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	303.209991	303.209991 ± 0.0003	•
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	78099.0078	78099.0078 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	499.954987	499.954987 ± 0.0009765625	<b>✓</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	16086.1211	16086.1211 ± 0.004	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.52357078	1.52357078 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	•
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.91988373	2.91988373 ± 0.0003	•
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.69713283	2.69713283 ± 0.0003	•

Test Step Call Trace				<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 2.27 (Repeat Count = 1) Name	Input Value		
CmMtrCurr CurrOffAvgCounter Cnt M u16	25		
CmMtrCurr CurrOffState Uls M enum	CURROFF INTIALISE		
	1		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr CurroffProcessFlag M enum	2		
	4.80000019		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3.98539996		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32			
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3.98539996		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	39016.2383		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	32.25		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	12546.25		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.51416945		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.94488144		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	143.794998		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.2774384		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	19845.2715		
CmMtrCurr_VecuSum_Volt_M_f32	511.084991		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	105		
k_MaxCurrOffMtrVel_RadpS_f32	-17.301012		
k_MtrCurrEOLMaxOffset_Volts_f32	1.3792882		
k_MtrCurrEOLMinOffset_Volts_f32	1.04392648		
k_MtrCurrOffLoComOff_Cnt_u16	654		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	1.87480044		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	2.17176461		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	289.772217		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	22.3622627		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	9.77714539		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	55950.4102		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.83865476		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Ve	olts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Vo	olts_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_MtrRadps		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt		
tgt Rte Inst Sa CmMtrCurr.Pim ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resul
Humo	Actual Value	Expedieu value	Resu

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





Name	Actual Value	Expected Value	Result
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	39016.2383	39016.2383 ± 0.0003	<b>✓</b>
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	<b>✓</b>
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.2774384	2.2774384 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	19845.2715	19845.2715 ± 0.001	<b>✓</b>
CmMtrCurr_VecuSum_Volt_M_f32	511.084991	511.084991 ± 0.0009765625	~
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	55950.4102	55950.4102 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.83865476	2.83865476 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	<b>✓</b>

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	<b>✓</b>

Test Step 2.28 (Repeat Count = 1)			<b>✓</b>
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		
CmMtrCurr1SumZero_Volt_M_f32	15487.3604		
CmMtrCurr MtrCurr2OffsetHi Volt M f32	1.43548334		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3.25410008		
CmMtrCurr MtrCurr2OffsetZero Volt M f32	2.68251061		
CmMtrCurr MtrCurr2SumHi Volt M f32	18428.4707		
CmMtrCurr MtrCurr2SumLo Volt M f32	154.925003		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.46330607		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	31113.5039		
CmMtrCurr_VecuSum_Volt_M_f32	522.215027		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	110		
k_MaxCurrOffMtrVel_RadpS_f32	-20		
k_MtrCurrEOLMaxOffset_Volts_f32	1.52888		
k_MtrCurrEOLMinOffset_Volts_f32	1.59338915		
k_MtrCurrOffLoComOff_Cnt_u16	789		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	2.49078679		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	2.53748775		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	506.166565		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	18.4451694		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	230.269608		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	67286.625		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.59164679		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.054039		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.98518658		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_	f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_	f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	26	26 ± 1	~

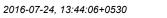




Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	•
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.92550302	2.92550302 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	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	<b>✓</b>
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	39.5209999	39.5209999 ± 0.0003	<b>~</b>
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	15487.3604	15487.3604 ± 0.0003	<b>~</b>
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.43548334	1.43548334 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3.25410008	3.25410008 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.68251061	2.68251061 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	18428.4707	18428.4707 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	154.925003	154.925003 ± 0.0003	<b>~</b>
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.46330607	1.46330607 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	31113.5039	31113.5039 ± 0.001	<b>~</b>
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>

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	<b>✓</b>

Name         Input \(^1\)           CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16         27           CmMtrCurr_CurrOffState_Uls_M_enum         CURRO           CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc         1           CmMtrCurr_CurroffProcessFlag_M_enum         1           CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32         1.3862¹           CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32         3.75888           CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32         3.75888           CmMtrCurr_MtrCurr1SumHi_Volt_M_f32         44898.4           CmMtrCurr_MtrCurr1SumLo_Volt_M_f32         2.58627           CmMtrCurr_MtrCurr1SumZero_Volt_M_f32         18428.4           CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32         2.38276	DFF_ZEROAVERAGE 1521 9993 9993
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16         27           CmMtrCurr_CurrOffState_Uls_M_enum         CURRC           CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc         1           CmMtrCurr_CurroffProcessFlag_M_enum         1           CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32         1.3862*           CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32         3.7588*           CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32         3.7588*           CmMtrCurr_MtrCurr1SumHi_Volt_M_f32         44898.4           CmMtrCurr_MtrCurr1SumLo_Volt_M_f32         2.5862*           CmMtrCurr_MtrCurr1SumLo_Volt_M_f32         18428.4	DFF_ZEROAVERAGE 1521 9993 9993
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc       1         CmMtrCurr_CurroffProcessFlag_M_enum       1         CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32       1.3862*         CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32       3.7588         CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32       3.7588         CmMtrCurr_MtrCurr1SumHi_Volt_M_f32       44898.4         CmMtrCurr_MtrCurr1SumLo_Volt_M_f32       2.58627         CmMtrCurr_MtrCurr1SumZero_Volt_M_f32       18428.4	1521 1993 1993
CmMtrCurr_CurroffProcessFlag_M_enum       1         CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32       1.3862¹         CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32       3.75886         CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32       3.75886         CmMtrCurr_MtrCurr1SumHi_Volt_M_f32       44898.4         CmMtrCurr_MtrCurr1SumLo_Volt_M_f32       2.58627         CmMtrCurr_MtrCurr1SumZero_Volt_M_f32       18428.4	9993 9993
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32       1.3862¹         CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32       3.75888         CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32       3.75888         CmMtrCurr_MtrCurr1SumHi_Volt_M_f32       44898.4         CmMtrCurr_MtrCurr1SumLo_Volt_M_f32       2.58627         CmMtrCurr_MtrCurr1SumZero_Volt_M_f32       18428.4	9993 9993
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32       3.75885         CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32       3.75885         CmMtrCurr_MtrCurr1SumHi_Volt_M_f32       44898.4         CmMtrCurr_MtrCurr1SumLo_Volt_M_f32       2.58627         CmMtrCurr_MtrCurr1SumZero_Volt_M_f32       18428.4	9993 9993
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32       3.75885         CmMtrCurr_MtrCurr1SumHi_Volt_M_f32       44898.4         CmMtrCurr_MtrCurr1SumLo_Volt_M_f32       2.58627         CmMtrCurr_MtrCurr1SumZero_Volt_M_f32       18428.4	0993
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32         44898.4           CmMtrCurr_MtrCurr1SumLo_Volt_M_f32         2.58627           CmMtrCurr_MtrCurr1SumZero_Volt_M_f32         18428.4	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 2.58627 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 18428.4	4609
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 18428.4	
	7987
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 2.38276	4707
	5362
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 1.04989	9088
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 1.35347	7366
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 21369.8	5801
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 166.054	1993
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 2.46555	5519
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32 17699.4	4063
CmMtrCurr_VecuSum_Volt_M_f32 533.344	1971
Rte_Inst_Sa_CmMtrCurr tgt_Rte	_Inst_Sa_CmMtrCurr
k_CurrOffNoofAvg_Cnt_u16	
k_MaxCurrOffMtrVel_RadpS_f32 20	
k_MtrCurrEOLMaxOffset_Volts_f32 2.42044	1473
k_MtrCurrEOLMinOffset_Volts_f32 1.16527	7128
k_MtrCurrOffLoComOff_Cnt_u16 852	
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value 2.59128	3475
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value 1.64014	4673
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value 1065.00	0781
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value 10.0699	9291
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value 87.1394	4653
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value 1	
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32 7335.57	7324
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32 1.40194	4368
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 1.55063	3355
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32 2.35192	2561
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 1.89161	1241
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_Cml	MtrCurr_Per3_ADCMtrCurr1_Volts_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Cml	MtrCurr_Per3_ADCMtrCurr2_Volts_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_Cml	MtrCurr_Per3_ComOffset_Cnt_u16
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Cml	MtrCurr_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	27	27 ± 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	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	<b>~</b>
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	44898.4609	44898.4609 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.58627987	2.58627987 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	18428.4707	18428.4707 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.38276362	2.38276362 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.04989088	1.04989088 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.35347366	1.35347366 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	21369.5801	21369.5801 ± 0.0003	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	166.054993	166.054993 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.46555519	2.46555519 ± 0.0003	~
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	17699.4063	17699.4063 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	533.344971	533.344971 ± 0.0009765625	~
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	7335.57324	7335.57324 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.40194368	1.40194368 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.55063355	1.55063355 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.35192561	2.35192561 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.89161241	1.89161241 ± 0.0003	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_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 2.30 (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





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_f3	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f3	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	28	28 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	~

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	28	28 ± 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	2.3681531	2.3681531 ± 0.0003	<b>✓</b>
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	<b>✓</b>
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.18104506	2.18104506 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	21369.5801	21369.5801 ± 0.0003	<b>✓</b>
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	<b>✓</b>
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	<b>✓</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	814.319275	814.319275 ± 0.004	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	•
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.10841858	1.10841858 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.16706681	2.16706681 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	<b>✓</b>

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	<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_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_ComOffs	set_Cnt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_I	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	Result

igi_Rie_insi_s	inst_sa_crimutcur.Prin_shcurical   Igt_Prin_shcurical			
Name		Actual Value	Expected Value	Result
CmMtrCurr_Cu	rrOffAvgCounter_Cnt_M_u16	29	29 ± 1	~
CmMtrCurr_Cu	rrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	~
CmMtrCurr_Cu	rrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_Cu	rroffProcessFlag_M_enum	3	3	~
CmMtrCurr_Mt	rCurr1OffsetHi_Volt_M_f32	1.1426152	1.1426152 ± 0.0003	~
CmMtrCurr_Mt	rCurr1OffsetLo_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_Mt	rCurr1OffsetZero_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_Mt	rCurr1SumHi_Volt_M_f32	2.16658521	2.16658521 ± 0.0003	~
CmMtrCurr_Mt	rCurr1SumLo_Volt_M_f32	3.87540007	3.87540007 ± 0.0003	~
CmMtrCurr_Mt	rCurr1SumZero_Volt_M_f32	24310.6895	24310.6895 ± 0.0003	~
CmMtrCurr_Mt	rCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_Mt	rCurr2OffsetLo_Volt_M_f32	2.56662393	2.56662393 ± 0.0003	~
CmMtrCurr_Mt	rCurr2OffsetZero_Volt_M_f32	2.13700366	2.13700366 ± 0.0003	~
CmMtrCurr_Mt	rCurr2SumHi_Volt_M_f32	27251.8008	27251.8008 ± 0.0003	~
CmMtrCurr_Mt	rCurr2SumLo_Volt_M_f32	10.2349997	10.2349997 ± 0.0003	~
CmMtrCurr_Mt	rCurr2SumZero_Volt_M_f32	1.95115638	1.95115638 ± 0.0003	~
CmMtrCurr_Mt	rCurrValCmd_VoltCnt_M_f32	10990.1563	10990.1563 ± 0.001	~
CmMtrCurr_Ve	cuSum_Volt_M_f32	555.60498	555.60498 ± 0.0009765625	~
tgt_CmMtrCurr	_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~
tgt_Pim_ShCu	rrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	54494.7188	54494.7188 ± 0.004	~
tgt_Pim_ShCu	rrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCu	rrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.34625721	2.34625721 ± 0.0003	~
tgt_Pim_ShCu	rrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCu	rrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.13625836	1.13625836 ± 0.0003	•

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Test Step 2.32 (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	

2016-07-24, 13:44:06+0530



CmMtrCurr\_Per3 Input Value k\_MtrCurrEOLMaxOffset\_Volts\_f32 k\_MtrCurrEOLMinOffset\_Volts\_f32 2.7864852 k\_MtrCurrOffLoComOff\_Cnt\_u16 852 tgt\_CmMtrCurr\_Per3\_ADCMtrCurr1\_Volts\_f32.value 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 197.528702  $tgt\_CmMtrCurr\_Per3\_VehSpd\_Kph\_f32.value$ tgt\_CmMtrCurr\_Per3\_VhSpdValid\_Cnt\_lgc.value  $tgt\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32$ 6106.29541 tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32 1.64925992  $tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetLo\_Volts\_f32$ tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetDiff\_Volts\_f32 1.18993354 tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32 2 38486934 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ADCMtrCurr1\_Volts\_f32 tgt\_CmMtrCurr\_Per3\_ADCMtrCurr1\_Volts\_f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ADCMtrCurr2\_Volts\_f32 tgt\_CmMtrCurr\_Per3\_ADCMtrCurr2\_Volts\_f32  $tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ComOffset\_Cnt\_u16$ tgt\_CmMtrCurr\_Per3\_ComOffset\_Cnt\_u16 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_MtrVel\_MtrRadpS\_f32 tgt\_CmMtrCurr\_Per3\_MtrVel\_MtrRadpS\_f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_Vecu\_Volt\_f32 tgt\_CmMtrCurr\_Per3\_Vecu\_Volt\_f32 tgt\_CmMtrCurr\_Per3\_VehSpd\_Kph\_f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.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

<b>9</b>	1.5		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	30	30 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.52099991	4.52099991 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.52099991	4.52099991 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	2.70221376	2.70221376 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.97247601	2.97247601 ± 0.0003	<b>✓</b>
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	<b>✓</b>
CmMtrCurr_VecuSum_Volt_M_f32	566.734985	566.734985 ± 0.0009765625	<b>✓</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	6106.29541	6106.29541 ± 0.004	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.64925992	1.64925992 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.18993354	1.18993354 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.38486934	2.38486934 ± 0.0003	<b>✓</b>

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~	
Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	<b>✓</b>	

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	



Name	Input Value		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	199.445007	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		
$tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_VhSpdValid\_Cnt\_lgc$	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result

@CC	192	A-T		
Name	Actual Value	Expected Value	Result	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	43	43 ± 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	1.45582378	1.45582378 ± 0.0003	<b>✓</b>	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.78107488	1.78107488 ± 0.0003	~	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.78107488	1.78107488 ± 0.0003	•	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	125.836113	125.836113 ± 0.0003	<b>✓</b>	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3	3 ± 0.0003	•	
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	110.404999	110.404999 ± 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	1.35347366	1.35347366 ± 0.0003	~	
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	12.4256735	12.4256744 ± 0.0003	~	
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	36075.1289	36075.1289 ± 0.0003	~	
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	199.445007	199.445007 ± 0.0003	<b>✓</b>	
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	62192.375	62192.375 ± 0.001	•	
CmMtrCurr_VecuSum_Volt_M_f32	20.8203239	20.8203239 ± 0.0009765625	<b>✓</b>	
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	4000	4000 ± 1	•	
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	~	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.17255747	1.17255747 ± 0.0003	~	
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.227018	1.227018 ± 0.0003	<b>✓</b>	

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~	
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	<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	

CmMtrCurr\_Per3



Name	Input Value			
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	30192.9102	30192.9102		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.64645708			
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3.98569989			
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.64458537			
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.35220647			
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	32.4949989			
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3			
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	65784.1328			
CmMtrCurr_VecuSum_Volt_M_f32	577.86499			
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr			
k_CurrOffNoofAvg_Cnt_u16	135			
k_MaxCurrOffMtrVel_RadpS_f32	8.21017742			
k_MtrCurrEOLMaxOffset_Volts_f32	2.68886065			
k_MtrCurrEOLMinOffset_Volts_f32	1.79667687			
k_MtrCurrOffLoComOff_Cnt_u16	674			
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	3			
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	2.4808383			
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	8			
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	25.8124847			
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.52093005e-008			
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1			
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	48316.1758			
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.95542264			
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3			
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.64321661			
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.54192924			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_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			
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	<del>-</del>		
Name	Actual Value	Expected Value	Result	
CmMtrCurr CurrOffAvgCounter Cnt M u16	0	0 ± 1		
CmMtrCurr CurrOffState Uls M enum	CURROFF HIAVERAGE	CURROFF HIAVERAGE		
CmMtrCurr CurrOffTrimFlag Cnt M lgc	1	1		
CmMtrCurr CurroffProcessFlag M enum	1	1		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 ± 0.0003		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.0999999	4.0999999 ± 0.0003		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.0999999	4.0999999 ± 0.0003		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	0	0 ± 0.0003		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	0	0 ± 0.0003		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	30192.9102	30192.9102 ± 0.0003		
CmMtrCurr MtrCurr2OffsetHi Volt M f32	1.64645708	1.64645708 ± 0.0003		

CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	0	0 ± 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	4.0999999	4.0999999 ± 0.0003	•
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.0999999	4.0999999 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	0	0 ± 0.0003	•
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	0	0 ± 0.0003	•
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	30192.9102	30192.9102 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.64645708	1.64645708 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3.98569989	3.98569989 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.64458537	2.64458537 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	0	0 ± 0.0003	•
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	0	0 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3	3 ± 0.0003	•
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	65784.1328	65784.1328 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	0	0 ± 0.0009765625	•
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	4000	4000 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	48316.1758	48316.1758 ± 0.004	•
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.95542264	2.95542264 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	•
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.64321661	1.64321661 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.54192924	2.54192924 ± 0.0003	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

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

CmMtrCurr Per3

2016-07-24, 13:44:06+0530



Input Value CmMtrCurr\_CurroffProcessFlag\_M\_enum 0 CmMtrCurr\_MtrCurr1OffsetHi\_Volt\_M\_f32 CmMtrCurr\_MtrCurr1OffsetLo\_Volt\_M\_f32 4.19999981 CmMtrCurr\_MtrCurr1OffsetZero\_Volt\_M\_f32 4.19999981 CmMtrCurr\_MtrCurr1SumHi\_Volt\_M\_f32 3 CmMtrCurr\_MtrCurr1SumLo\_Volt\_M\_f32 3.12540007 CmMtrCurr\_MtrCurr1SumZero\_Volt\_M\_f32 33134.0195  $CmMtrCurr\_MtrCurr2OffsetHi\_Volt\_M\_f32$ 3 CmMtrCurr\_MtrCurr2OffsetLo\_Volt\_M\_f32 3.41750002 CmMtrCurr MtrCurr2OffsetZero Volt M f32 2 66018128 CmMtrCurr\_MtrCurr2SumHi\_Volt\_M\_f32  $CmMtrCurr\_MtrCurr2SumLo\_Volt\_M\_f32$ 43 625 CmMtrCurr\_MtrCurr2SumZero\_Volt\_M\_f32 1.87105429 54641 4297 CmMtrCurr MtrCurrValCmd VoltCnt M f32 CmMtrCurr\_VecuSum\_Volt\_M\_f32 588.994995 Rte\_Inst\_Sa\_CmMtrCurr tgt Rte Inst Sa CmMtrCurr k\_CurrOffNoofAvg\_Cnt\_u16 140 k\_MaxCurrOffMtrVel\_RadpS\_f32 10.7542696 k\_MtrCurrEOLMaxOffset\_Volts\_f32 3 k\_MtrCurrEOLMinOffset\_Volts\_f32  $k\_MtrCurrOffLoComOff\_Cnt\_u16$ 624 tgt\_CmMtrCurr\_Per3\_ADCMtrCurr1\_Volts\_f32.value 2.35665202 tgt\_CmMtrCurr\_Per3\_ADCMtrCurr2\_Volts\_f32.value 1.39090562 tgt\_CmMtrCurr\_Per3\_MtrVel\_MtrRadpS\_f32.value tgt\_CmMtrCurr\_Per3\_Vecu\_Volt\_f32.value 10.8860092 tgt\_CmMtrCurr\_Per3\_VehSpd\_Kph\_f32.value 1.42093004e-008 tgt\_CmMtrCurr\_Per3\_VhSpdValid\_Cnt\_lgc.value tgt\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32 5549.88623 tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32 3 tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetLo\_Volts\_f32 2 08785343 tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32 2.94626999 tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32 2 92457032 tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr1 Volts f32 tgt CmMtrCurr Per3 ADCMtrCurr1 Volts f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ADCMtrCurr2\_Volts\_f32 tgt\_CmMtrCurr\_Per3\_ADCMtrCurr2\_Volts\_f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ComOffset\_Cnt\_u16 tgt\_CmMtrCurr\_Per3\_ComOffset\_Cnt\_u16 tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 MtrVel MtrRadpS f32 tgt CmMtrCurr Per3 MtrVel MtrRadpS f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_Vecu\_Volt\_f32 tgt\_CmMtrCurr\_Per3\_Vecu\_Volt\_f32 tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 VehSpd Kph f32 tgt\_CmMtrCurr\_Per3\_VehSpd\_Kph\_f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_VhSpdValid\_Cnt\_lgc tgt\_CmMtrCurr\_Per3\_VhSpdValid\_Cnt\_lgc  $tgt\_Rte\_Inst\_Sa\_CmMtrCurr.Pim\_ShCurrCal$ tot Pim ShCurrCal **Actual Value Expected Value** Name Result CmMtrCurr\_CurrOffAvgCounter\_Cnt\_M\_u16 32 ± 1 CURROFF INTIALISE CURROFF INTIALISE CmMtrCurr\_CurrOffState\_Uls\_M\_enum CmMtrCurr\_CurrOffTrimFlag\_Cnt\_M\_lgc 0 0 CmMtrCurr\_CurroffProcessFlag\_M\_enum 3 3 3 + 0 0003  $CmMtrCurr\_MtrCurr1OffsetHi\_Volt\_M\_f32$ CmMtrCurr\_MtrCurr1OffsetLo\_Volt\_M\_f32 4.19999981 4.19999981 ± 0.0003 4 19999981 + 0 0003 V CmMtrCurr MtrCurr1OffsetZero Volt M f32 4 19999981 3 ± 0.0003 CmMtrCurr\_MtrCurr1SumHi\_Volt\_M\_f32 ~  $CmMtrCurr\_MtrCurr1SumLo\_Volt\_M\_f32$ 3 12540007 3 12540007 + 0 0003 CmMtrCurr\_MtrCurr1SumZero\_Volt\_M\_f32 33134.0195 33134.0195 ± 0.0003 ~ CmMtrCurr MtrCurr2OffsetHi Volt M f32  $3 \pm 0.0003$ 3 CmMtrCurr\_MtrCurr2OffsetLo\_Volt\_M\_f32 3.41750002 3.41750002 ± 0.0003 CmMtrCurr\_MtrCurr2OffsetZero\_Volt\_M\_f32 2.66018128 2.66018128 ± 0.0003 CmMtrCurr\_MtrCurr2SumHi\_Volt\_M\_f32 3  $3 \pm 0.0003$ CmMtrCurr\_MtrCurr2SumLo\_Volt\_M\_f32 43.625 43.625 ± 0.0003  $CmMtrCurr\_MtrCurr2SumZero\_Volt\_M\_f32$ 1.87105429  $1.87105429 \pm 0.0003$ CmMtrCurr\_MtrCurrValCmd\_VoltCnt\_M\_f32 54641.4297 54641.4297 ± 0.001 CmMtrCurr\_VecuSum\_Volt\_M\_f32 588.994995 588.994995 ± 0.0009765625

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	<b>✓</b>

5549.88623

2.08785343

2.94626999

2.92457032

0

0 ± 1

3 ± 0.0003

5549.88623 ± 0.004

2.08785343 ± 0.0003

2.94626999 ± 0.0003

2.92457032 ± 0.0003

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

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

tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32

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

tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32





Test Step 2.36 (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		
· · · · · · · · · · · · · · · · · · ·			
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_MtrCurr1SumHo_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_MtrCurr2OffsetHo_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	
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_MtrCurr2OffsetHo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_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	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	
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	
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_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_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	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	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  4.0999999 ± 0.0003  1.78107488 ± 0.0003  2.3582015 ± 0.0003  54.7550011 ± 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_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_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_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 54.7550011 3	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  4.0999999 ± 0.0003  1.78107488 ± 0.0003  2.3582015 ± 0.0003  54.7550011 ± 0.0003  3 ± 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_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_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr_SumZero_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 54.7550011 3 35505.4063	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  4.0999999 ± 0.0003  1.78107488 ± 0.0003  2.3582015 ± 0.0003  54.7550011 ± 0.0003  3 ± 0.0003  35505.4063 ± 0.001	
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_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_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	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	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	
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 4.099999 ± 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 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 36075.1289 ± 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 4.30000019 ± 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 36075.1289 ± 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	



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	•

Test Step 2.37 (Repeat Count = 1)	Innut Value		
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	4.400001		
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		
c_CurrOffNoofAvg_Cnt_u16	150		
C_MaxCurrOffMtrVel_RadpS_f32	0.119885504		
x_MtrCurrEOLMaxOffset_Volts_f32	3		
<pre> c_MtrCurrEOLMinOffset_Volts_f32 </pre>	1.68836021		
<pre>c_MtrCurrOffLoComOff_Cnt_u16</pre>	617		
gt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0.214018106		
gt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	3		
gt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	0		
gt_CmMtrCurr_Per3_Vecu_Volt_f32.value	7.86561155		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.22093002e-008		
gt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
gt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	35326.4414		
gt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.19832134		
gt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.70113182		
gt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.12521768		
gt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.1041311		
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_C	nt_u16	
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRa	adpS_f32	
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f3	2	
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph	_f32	
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_0	Cnt_lgc	
gt_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	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	1.16198051	1.16198051 ± 0.0003	
	2.70886779	2.70886779 ± 0.0003	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	39016.2383	39016,2383 ± 0.0003	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	39016.2383 1.91161692	39016.2383 ± 0.0003 1.91161692 ± 0.0003	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.91161692	1.91161692 ± 0.0003	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.91161692 4.19999981	1.91161692 ± 0.0003 4.19999981 ± 0.0003	
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	1.91161692	1.91161692 ± 0.0003	

12549.25

2.1677835

56885.8242

611.255005

 $CmMtrCurr\_MtrCurr2SumLo\_Volt\_M\_f32$ 

CmMtrCurr\_VecuSum\_Volt\_M\_f32

CmMtrCurr\_MtrCurr2SumZero\_Volt\_M\_f32

 $CmMtrCurr\_MtrCurrValCmd\_VoltCnt\_M\_f32$ 

12549.25 ± 0.0003

2.1677835 ± 0.0003

56885.8242 ± 0.001

617 ± 1

611.255005 ± 0.0009765625





Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	35326.4414	35326.4414 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.19832134	1.19832134 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.70113182	2.70113182 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.12521768	2.12521768 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.1041311	1.1041311 ± 0.0003	<b>✓</b>

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	<b>✓</b>

Test Step 2.38 (Repeat Count = 1)			<b>✓</b>
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	20	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f3		
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	I=	1=
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	35	35 ± 1	<b>-</b>

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	35	35 ± 1	✓
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	✓
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.07224905	1.07224905 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.5	4.5 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.5	4.5 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	2.45837879	2.45837879 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.82349932	1.82349932 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	41957.3516	41957.3516 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.71042848	1.71042848 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.30000019	4.30000019 ± 0.0003	✓
CmMtrCurr MtrCurr2OffsetZero Volt M f32	1.85310507	1.85310507 ± 0.0003	<b>✓</b>





Name	Actual Value	Expected Value	Result
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	28.6460514	28.6460514 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	15487.3604	15487.3604 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	31522.125	31522.125 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	622.38501	622.38501 ± 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	<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>

Test Step Call Trace				<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 2.39 (Repeat Count = 1) Name	Input Value		
CmMtrCurr CurrOffAvgCounter Cnt M u16	63		
CmMtrCurr CurrOffState Uls M enum	CURROFF HIAVERAGE		
	1		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr CurroffProcessFlag M enum	3		
	3		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.5999999		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32			
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.5999999		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	0		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.98567462		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	44898.4609		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.57437587		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.4000001		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.31556726		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	16.249506		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	18428.4707		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.23846722		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	25603.0664		
CmMtrCurr_VecuSum_Volt_M_f32	633.515015		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	160		
k_MaxCurrOffMtrVel_RadpS_f32	9.50732899		
k_MtrCurrEOLMaxOffset_Volts_f32	2.87722993		
k_MtrCurrEOLMinOffset_Volts_f32	3		
k_MtrCurrOffLoComOff_Cnt_u16	555		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	3		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.91991305		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	9		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	11.3727503		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.32093003e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	6889.93945		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.373541		
tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32	2.74678731		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32	1.2081331		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.52772772		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr1 Volts f32	tgt CmMtrCurr Per3 ADCMtrCurr1 Volts f32		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr2 Volts f32	tgt CmMtrCurr Per3 ADCMtrCurr2		
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	<del>-</del>	
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 Vecu Volt f32	tgt CmMtrCurr Per3 Vecu Volt f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_0		
tgt Rte Inst Sa CmMtrCurr.Pim ShCurrCal	tgt_Pim_ShCurrCal	5.II_igo	
		Funcated Value	B
Name	Actual Value	Expected Value	Resu

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	64	64 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.5999999	4.5999999 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.5999999	4.5999999 ± 0.0003	~





Name	Actual Value	Expected Value	Result
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.98567462	2.98567462 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	44898.4609	44898.4609 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.57437587	1.57437587 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.4000001	4.4000001 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.31556726	1.31556726 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	18.1694183	18.1694202 ± 0.0003	•
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	18428.4707	18428.4707 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.23846722	2.23846722 ± 0.0003	~
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	25603.0664	25603.0664 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	644.887756	644.887756 ± 0.0009765625	~
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	4000	4000 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	6889.93945	6889.93945 ± 0.004	•
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.373541	1.373541 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.74678731	2.74678731 ± 0.0003	•
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.2081331	1.2081331 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.52772772	1.52772772 ± 0.0003	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	<b>✓</b>

Test Step 2.40 (Repeat Count = 1)					4
	Innut Value				Ť
Name	Input Value				
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	11	11			
CmMtrCurr_CurrOffState_Uls_M_enum	_	CURROFF_HIAVERAGE			
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1				
CmMtrCurr_CurroffProcessFlag_M_enum	3				
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.18156958				
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.6999981				
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.6999981				
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	50000				
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3				
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	47839.5703				
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3				
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.5				
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.69362235				
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	8.32323647				
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	21369.5801				
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	143.794998				
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	52238.7539				
CmMtrCurr_VecuSum_Volt_M_f32	644.64502				
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr				
k_CurrOffNoofAvg_Cnt_u16	1000				
k_MaxCurrOffMtrVel_RadpS_f32	5.76168537				
k_MtrCurrEOLMaxOffset_Volts_f32	3				
k_MtrCurrEOLMinOffset_Volts_f32	2.70517826				
k_MtrCurrOffLoComOff_Cnt_u16	1025				
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0				
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	0.877636433				
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	5				
tgt CmMtrCurr Per3 Vecu Volt f32.value	28.716383				
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.22093002e-008				
tgt CmMtrCurr Per3 VhSpdValid Cnt lgc.value	1				
tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	18718.8105				
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	2.61436653				
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.75549197				
tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32	1.20556092				
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	1.91193855				
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtr0	Curr1 Volts f32			
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr2 Volts f32	tgt_CmMtrCurr_Per3_ADCMtr0				
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ComOffset Cnt u16					
tgt 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_MtrVel_MtrRadpS_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_Igc		and_Crit_igc			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal				1_
Name	Actual Value		xpected Value		Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	64	6-	4 ± 1		<b>✓</b>

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

CmMtrCurr\_Per3

2016-07-24, 13:44:06+0530



1.91193855 ± 0.0003

**Actual Value Expected Value** CmMtrCurr\_CurrOffState\_Uls\_M\_enum CURROFF\_HIAVERAGE CURROFF\_HIAVERAGE  $CmMtrCurr\_CurrOffTrimFlag\_Cnt\_M\_lgc$ CmMtrCurr\_CurroffProcessFlag\_M\_enum 1 1 CmMtrCurr\_MtrCurr1OffsetHi\_Volt\_M\_f32 2.18156958 2.18156958 ± 0.0003 CmMtrCurr\_MtrCurr1OffsetLo\_Volt\_M\_f32 4.69999981 ± 0.0003 4.69999981  $CmMtrCurr\_MtrCurr1OffsetZero\_Volt\_M\_f32$ 4.69999981 4.69999981 ± 0.0003 CmMtrCurr\_MtrCurr1SumHi\_Volt\_M\_f32 50000 50000 ± 0.0003  $CmMtrCurr\_MtrCurr1SumLo\_Volt\_M\_f32$  $3 \pm 0.0003$ CmMtrCurr\_MtrCurr1SumZero\_Volt\_M\_f32 47839.5703 47839.5703 ± 0.0003 CmMtrCurr\_MtrCurr2OffsetHi\_Volt\_M\_f32 3 + 0.0003CmMtrCurr\_MtrCurr2OffsetLo\_Volt\_M\_f32 4.5 ± 0.0003  $CmMtrCurr\_MtrCurr2OffsetZero\_Volt\_M\_f32$ 2 69362235 2 69362235 + 0 0003 ソソソソソ CmMtrCurr\_MtrCurr2SumHi\_Volt\_M\_f32 9.20087242 9.20087242 ± 0.0003  $CmMtrCurr\_MtrCurr2SumLo\_Volt\_M\_f32$ 21369 5801 21369 5801 + 0 0003 CmMtrCurr\_MtrCurr2SumZero\_Volt\_M\_f32 143.794998 143.794998 ± 0.0003 CmMtrCurr\_MtrCurrValCmd\_VoltCnt\_M\_f32 52238.7539 52238.7539 ± 0.001 CmMtrCurr\_VecuSum\_Volt\_M\_f32 673.361389 673.361389 ± 0.0009765625 tgt\_CmMtrCurr\_Per3\_ComOffset\_Cnt\_u16.value 4000 4000 ± 1  $tgt\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32$ 18718.8105  $18718.8105 \pm 0.004$ tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32 2.61436653 ± 0.0003 2.61436653 2.75549197  $tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetLo\_Volts\_f32$  $2.75549197 \pm 0.0003$ tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetDiff\_Volts\_f32 1.20556092 1.20556092 ± 0.0003

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	<b>✓</b>

1.91193855

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	4.5999999
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.07563138
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	30.7622643
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	24310.6895
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	154.925003
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	36546.3594
CmMtrCurr_VecuSum_Volt_M_f32	655.775024
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrOffNoofAvg_Cnt_u16	1050
k_MaxCurrOffMtrVel_RadpS_f32	15.5906773
k_MtrCurrEOLMaxOffset_Volts_f32	2.96421409
k_MtrCurrEOLMinOffset_Volts_f32	1.23255312
k_MtrCurrOffLoComOff_Cnt_u16	1369
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	2.78046203
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	3
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	15
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	21.4816856
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.12093002e-008
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	36079.5391
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.96690226
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.88593364
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32



Name	Input Value		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	64	64 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.47964859	2.47964859 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.79071116	2.79071116 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.79071116	2.79071116 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	25461.0313	25461.0313 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.9184866	2.9184866 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	65.8850021	65.8850021 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.0520041	2.0520041 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.5999999	4.5999999 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.07563138	2.07563138 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	33.7622643	33.7622643 ± 0.0003	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	24310.6895	24310.6895 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	154.925003	154.925003 ± 0.0003	~
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	36546.3594	36546.3594 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	677.256714	677.256714 ± 0.0009765625	~
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	4000	4000 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	36079.5391	36079.5391 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.96690226	2.96690226 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.88593364	2.88593364 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	<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_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	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	61	61 ± 1	-
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE	<b>✓</b>
CmMtrCurr CurrOffTrimFlag Cnt M Igc	1	1	-

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	~
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	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	99.2750015	99.2750015 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.01092339	1.01092339 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.17914116	1.17914116 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.64458537	2.64458537 ± 0.0003	<b>~</b>
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	~
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	4000	4000 ± 1	~
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	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.49366164	2.49366164 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.44606352	1.44606352 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.89337552	1.89337552 ± 0.0003	<b>✓</b>

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	<b>✓</b>

Test Step 2.43 (Repeat Count = 1)	
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	61
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1
CmMtrCurr_CurroffProcessFlag_M_enum	0
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.5999999
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.80000019
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	110.404999
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.78895056
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.66018128
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	50000
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	30192.9102
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	33953.457
CmMtrCurr_VecuSum_Volt_M_f32	967.414978
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrOffNoofAvg_Cnt_u16	2350
k_MaxCurrOffMtrVel_RadpS_f32	3.40498996
k_MtrCurrEOLMaxOffset_Volts_f32	3
k_MtrCurrEOLMinOffset_Volts_f32	1.20024276
k_MtrCurrOffLoComOff_Cnt_u16	1258
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	2.53271556
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	3
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	3

CmMtrCurr\_Per3



Name	Input Value		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	9.09741783		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.82093007e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	68435.9531		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.96729159		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.37171364		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.71984124		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMt	rCurr1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMt	rCurr2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOf	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_VehSpo	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32	
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		
Namo	Actual Value	Expected Value	Pocult

tgt_Rte_inst_sa_cmixtrcurr.Plin_shcurrcal	lgi_Pilli_Silculical	igi_Pim_shcuricai			
Name	Actual Value	Expected Value	Result		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	62	62 ± 1	~		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE	~		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~		
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	~		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.5999999	4.5999999 ± 0.0003	<b>✓</b>		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.80000019	4.80000019 ± 0.0003	<b>✓</b>		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	5.5327158	5.53271532 ± 0.0003	~		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	110.404999	110.404999 ± 0.0003	~		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.78895056	1.78895056 ± 0.0003	~		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	~		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3	3 ± 0.0003	~		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.66018128	2.66018128 ± 0.0003	~		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	50003	50003 ± 0.0003	~		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	30192.9102	30192.9102 ± 0.0003	~		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>		
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	~		

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

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

CmMtrCurr\_Per3



Name	Input Value		
k_MtrCurrEOLMaxOffset_Volts_f32	2		
k_MtrCurrEOLMinOffset_Volts_f32	2.17881703		
k_MtrCurrOffLoComOff_Cnt_u16	550		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0.830244541		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.48206139		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	15		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	21.0107632		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.72093007e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	45636.1367		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.72630322		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.08261728		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.59304428		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_	_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_	_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cr	ıt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRac	dpS_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_C	nt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	63	63 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE	~
CmMtrCurr CurrOffTrimElog Cnt M Igo	4	4	

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	63	63 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.26628852	2.26628852 ± 0.0003	•
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.69999981	4.69999981 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.92550302	2.92550302 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3.83024454	3.83024454 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	121.535004	121.535004 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.99545753	1.99545753 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.509166	2.509166 ± 0.0003	<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	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	6526.80176	6526.80225 ± 0.0003	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	33134.0195	33134.0195 ± 0.0003	•
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.20921946	1.20921946 ± 0.0003	~
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	55850.0508	55850.0508 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	999.555725	999.555786 ± 0.0009765625	~
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	4000	4000 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	45636.1367	45636.1367 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.72630322	1.72630322 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.08261728	2.08261728 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.59304428	1.59304428 ± 0.0003	<b>✓</b>

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~	
Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	<b>✓</b>	

Test Step 2.45 (Repeat Count = 1)		V
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	

2016-07-24, 13:44:06+0530



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

tgt_tte_mot_ca_crimitiodit:rim_cricumour	e_inst_ou_onimitedin; ini_onedinodi		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	43	43 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	<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	~
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	✓
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>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	•

Test Step 2.46 (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	

2016-07-24, 13:44:06+0530



Chilwiti Curi_Pers			MACION
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	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_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_	Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resul
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	44	44 ± 1	•
CmMtrCurr CurrOffState Uls M enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE	

tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	44	44 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE	<b>✓</b>
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	<b>✓</b>
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.31441784	2.31441784 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3.32500005	3.32500005 ± 0.0003	<b>~</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3.32500005	3.32500005 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	38.2140007	38.2140007 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	121.535004	121.535004 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.72680926	1.72680926 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.7515341	1.7515341 ± 0.0003	<b>✓</b>
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	•
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.85367167	1.85367167 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.87929463	1.87929463 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.48623836	1.48623836 ± 0.0003	~
tot Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	3	3 ± 0.0003	<b>✓</b>

Test Step Call Trace				<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 2.47 (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	

2016-07-24, 13:44:06+0530



CmMtrCurr Per3

CmMtrCurr_Per3			MACUICAL
Name	Input Value		
CmMtrCurr_CurroffProcessFlag_M_enum	1		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.19999981		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.06366134		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.06366134		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	306.320007		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3		
CmMtrCurr MtrCurr1SumZero Volt M f32	132.664993		
CmMtrCurr MtrCurr2OffsetHi Volt M f32	1.89202535		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.11913788		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.13700366		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	32.4949989		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	41957.3516		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	221.705002		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	7388.61279		
CmMtrCurr_VecuSum_Volt_M_f32	722.554993		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	4350		
k_MaxCurrOffMtrVel_RadpS_f32	9.40040874		
k_MtrCurrEOLMaxOffset_Volts_f32	3		
k_MtrCurrEOLMinOffset_Volts_f32	2.0154388		
k MtrCurrOffLoComOff Cnt u16	700		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	2.70470357		
tgt CmMtrCurr Per3 ADCMtrCurr2 Volts f32.value	2.15298533		
tgt CmMtrCurr Per3 MtrVel MtrRadpS f32.value	9		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	18.9641953		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.32093003e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	12022.6406		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.768152		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.91952419		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1	Volte 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_(		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal	Sit_ige	
		Francisco d Meleco	Daniel
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	45	45 ± 1	<b>Y</b>
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE	<b>Y</b>
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	<b>Y</b>
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.19999981	4.19999981 ± 0.0003	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.06366134	2.06366134 ± 0.0003	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.06366134	2.06366134 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	309.024719	309.024689 ± 0.0003	<b>~</b>
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3	3 ± 0.0003	<b>~</b>
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	132.664993	132.664993 ± 0.0003	<b>~</b>
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.89202535	1.89202535 ± 0.0003	<b>V</b>
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.11913788	1.11913788 ± 0.0003	<b>~</b>
0 14 0 14 0 00% 17 1/4 14 600	0.40700000	0.40700000 . 0.0000	

Test Step Call Trace				<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 ChecknointReached	1	Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	_

2.13700366

34.6479836

41957.3516

221.705002

7388.61279

741.519165

12022.6406

1.768152

2.91952419

4000

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

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

2.13700366 ± 0.0003

 $34.6479836 \pm 0.0003$ 

41957.3516 ± 0.0003

 $221.705002 \pm 0.0003$ 

 $741.519165 \pm 0.0009765625$ 

7388.61279 ± 0.001

12022.6406 ± 0.004

2.91952419 ± 0.0003

1.768152 ± 0.0003

4000 ± 1

3 ± 0.0003

3 ± 0.0003





Test Step 2.48 (Repeat Count = 1)			<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		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.804142		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	65.8850021		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr MtrCurr2SumZero Volt M f32	44898.4609 12546.25		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	47726.5313		
CmMtrCurr VecuSum Volt M f32	755.945007		
Rte_Inst_Sa_CmMtrCurr	tgt Rte Inst Sa CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	4850		
k MaxCurrOffMtrVel RadpS f32	4.60882807		
k_MtrCurrEOLMaxOffset_Volts_f32	2.43810177		
k_MtrCurrEOLMinOffset_Volts_f32	1.93847024		
k_MtrCurrOffLoComOff_Cnt_u16	750		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0.40020895		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	3		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	4		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	11.9946461		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.32093003e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	10899.8896		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.47143555		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.48983455		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	V-II- 600	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ADCMtrCurr2 tgt_CmMtrCurr_Per3_ComOffset_C		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRa	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_0		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr CurrOffAvgCounter Cnt M u16	1	1 ± 1	~
CmMtrCurr CurrOffState Uls M enum	CURROFF HIAVERAGE	CURROFF HIAVERAGE	<b>✓</b>
CmMtrCurr CurrOffTrimFlag Cnt M lgc	1	1	~
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	•
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.30000019	4.30000019 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3.98569989	3.98569989 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3.98569989	3.98569989 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3.39429665	3.39429665 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.37314701	2.37314701 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	166.054993	166.054993 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.09574819	2.09574819 ± 0.0003	<b>~</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.804142	2.804142 ± 0.0003	<b>~</b>
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	68.8850021	68.8850021 ± 0.0003	<b>V</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	44898.4609	44898.4609 ± 0.0003	
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	12546.25	12546.25 ± 0.0003	<b>Y</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	47726.5313	47726.5313 ± 0.001	· ·
CmMtrCurr_VecuSum_Volt_M_f32	767.939636 4000	767.939636 ± 0.0009765625 4000 ± 1	.,
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	10899.8896	10899.8896 ± 0.004	-
tgt_Pim_SnCurrCal.EOLMtrCurrVcalCmd_voltCnts_t32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	
tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32	2.47143555	2.47143555 ± 0.0003	
tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32	2.17 110000		
	2.48983455	2.48983455 + 0.0003	_
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.48983455	2.48983455 ± 0.0003 3 ± 0.0003	~



Test Step Call Trace				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 2.49 (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	4.400001		
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		
C_CurrOffNoofAvg_Cnt_u16	5350		
x_MaxCurrOffMtrVel_RadpS_f32	4.46507597		
MtrCurrEOLMaxOffset_Volts_f32	3		
_MtrCurrEOLMinOffset_Volts_f32	3		
x_MtrCurrOffLoComOff_Cnt_u16	800		
gt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0.41209054		
gt_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		
gt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.62811708		
gt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.49345279		
gt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.77509665	Valta 199	
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1		
	tgt_CmMtrCurr_Per3_ADCMtrCurr2 tgt_CmMtrCurr_Per3_ComOffset_C		
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16 gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32		_	
gt_Rte_Inst_Sa_CrimitCurr.CrimitCurr_Pers_Mit/Vei_Mit/RaupS_is2 gt_Rte_Inst_Sa_CrimitCurr.CrimitCurr_Pers_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRa 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_Critiviticum.Critiviticum_rei3_venSpd_rpin_i32 gt_Rte_Inst_Sa_CriMtrCurr.CriMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_		
gt_Rte_Inst_Sa_Critiviticum.Critiviticum_Pers_vnspuvalid_Crit_igc gt_Rte_Inst_Sa_CriMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal	CIIC_igC	
		From a set of Walter	D
Name	Actual Value	Expected Value	Resu
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	10001	10001 ± 1	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	
mMtrCurr_CurroffProcessFlag_M_enum	1	1	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.4000001	4.400001 ± 0.0003	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.93872654	1.93872654 ± 0.0003	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.93872654	1.93872654 ± 0.0003	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	12546.6621	12546.6621 ± 0.0003	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3	3 ± 0.0003	
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	2.91764379	2.91764379 ± 0.0003	
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3	3 ± 0.0003	
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.64458537	2.64458537 ± 0.0003	
		33136.7109 ± 0.0003	
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	33136.7109 47839.5703	47839 5703 ± 0.0003	

47839.5703

15487.3604

70405.5469

779.082642

4000

 $CmMtrCurr\_MtrCurr2SumLo\_Volt\_M\_f32$ 

CmMtrCurr\_VecuSum\_Volt\_M\_f32

CmMtrCurr\_MtrCurr2SumZero\_Volt\_M\_f32

 $CmMtrCurr\_MtrCurrValCmd\_VoltCnt\_M\_f32$ 

47839.5703 ± 0.0003

15487.3604 ± 0.0003

779.082642 ± 0.0009765625

70405.5469 ± 0.001

4000 ± 1

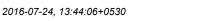
 $tgt\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32$ 

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

tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetLo\_Volts\_f32

Rte\_Call\_CmMtrCurr\_Per3\_CP1\_CheckpointReached

CmMtrCurr\_Per3



Rte\_Call\_CmMtrCurr\_Per3\_CP1\_CheckpointReached



tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32		2.49345279	2.49345279 ± 0.0003		~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32		1.77509665	1.77509665 ± 0.0003		•
Test Step Call Trace					<b>✓</b>
Actual Function	Count	Expected Function		Count	Result
Rte Call CmMtrCurr Per3 CP0 CheckpointReached	4	Rte Call CmMtrCurr Per3 CP0 Checkpoir	*Pagabad	1	

**Actual Value** 

72593.1016

2.83289099

2.62811708

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		
CmMtrCurr1SumHi Volt M f32	15487.3604		
CmMtrCurr MtrCurr1SumLo Volt M f32	3		
CmMtrCurr1SumZero 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 Igc.value	1		
tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	41748.7891		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.73949075		
tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32	1.81584823		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32	2.0832448		
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f3	32	
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr2 Volts f32	tgt CmMtrCurr Per3 ADCMtrCurr2 Volts f		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ComOffset Cnt u16	tgt CmMtrCurr Per3 ComOffset Cnt u16		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 MtrVel MtrRadpS f32	tgt CmMtrCurr Per3 MtrVel MtrRadpS f32		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 Vecu Volt f32	tgt CmMtrCurr Per3 Vecu Volt f32		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 VehSpd Kph f32	tgt CmMtrCurr Per3 VehSpd Kph f32		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 VhSpdValid Cnt Igc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
0.44.00040440	Actual Value	CA . A	rtoourt

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	31	31 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE	•
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.5	4.5 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.69017243	2.69017243 ± 0.0003	•
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.69017243	2.69017243 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	15490.3604	15490.3604 ± 0.0003	•
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3	3 ± 0.0003	•
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	2.78381634	2.78381634 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.63436913	2.63436913 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.66018128	2.66018128 ± 0.0003	~





Name	Actual Value	Expected Value	Result
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	103.387001	103.387001 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	1.02487695	1.02487695 ± 0.0003	<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>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Test Step 2.51 (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	~
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.78107488	1.78107488 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	39016.2383	39016.2383 ± 0.0003	<b>✓</b>
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	~
CmMtrCurr_VecuSum_Volt_M_f32	789.335022	789.335022 ± 0.0009765625	~
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	900	900 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	6579.94385	6579.94385 ± 0.004	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.84182739	2.84182739 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.84872556	1.84872556 ± 0.0003	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	<b>✓</b>

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_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_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
	Actual Value	Expected Value	Resi
Name	Actual value		

2016-07-24, 13:44:06+0530



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	•
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	<b>✓</b>
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>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	<b>✓</b>

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_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 1 CmMtCurr_Vit_MtrCurr_SumH_lo_Vit_M_132 1 CmMtCurr_Vit_MtrCurr_SumH_lo_Vit_M_132 1 CmMtCurr_Vit_MtrCurr_SumH_lo_Vit_M_132 1 CmMtCurr_Vit_MtrCurr_SumH_lo_Vit_M_132 1 CmMtCurr_Vit_MtrCurr_SumH_lo_Vit_M_132 1 CmMtCurr_Vit_MtrCurr_Vit_M_132 1 CmMtCurr_Vit_MtrCurr_V		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         49163,333           CmMtrCurr, VecuSum, Volt, M_132         811,594971           K, Lary Communication, Marcola, Marc		-
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           KUnrOffMootAvgCnt_u16         7350           RUnrOffMootAvgCnt_u16         7350           KMTCurrEOLMinOffSet_Volts_f32         1.24209137           KMTCurrEOLMinOffSet_Volts_f32         1.38772607           KMTCurrEOLMinOffSet_Volts_f32         1.3872607		
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         2752,8008           CmMtrCurr_MtrCurr2SumLov_Volt_M_f32         49168,333           CmMtrCurr_McurSum_Volt_M_f32         49168,333           CmMtrCurr_VecuSum_Volt_M_f32         811,594971           Re_Inst_Sa_CmMtrCurr         tg_R_te_Inst_Sa_CmMtrCurr           R_LordTMbooRvg_Crt_u16         7350           R_LordTMbooRvg_Crt_u16         7350           R_MtrCurrEOLMxOffset_Volts_f32         1,38772607           R_MtrCurrEOLMxOffset_Volts_f32         1,38772607           R_MtrCurrEOLMxOffset_Volts_f32.2 value         1,183014 <t< td=""><td></td><td></td></t<>		
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_MtrCurr2SumL_Voit_M_f32         2.7251.8008           CmMtrCurr_MtrCurr2SumL_Voit_M_f32         49166.3633           CmMtrCurr_MtrCurrYaCmd_VoitCn_M_f32         49166.3633           CmMtrCurr_MtrCurrYaCmd_Voit_Cn_M_f32         49166.3633           CmMtrCurr_MtrCurrYaCmd_Voit_Cn_M_f32         49166.3633           Kill_Sa_CmMtrCurr         1g_Re_lnst_Sa_CmMtrCurr           K_curroffmodrya_Cn_t_u16         7350           K_curroffmodrya_Cn_t_u16         7350           K_mtrCurr_End_Mxoffset_Voits_f32         1.38772607           K_mtrCurr_End_Mxoffset_Voits_f32         1.389048521           Mg_C-mMtrCurr_Per3_ADCMtrCurr_Voits_f32_value         1.89084521           Mg_C-mMtrCurr_Per3_ADCMtrCurr_Voits_f32_value         12		
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_MtrCurr2SimtD_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_Corr_Loff 7350 k_MaxCurroffMtrVel_Radps_f32 12.4209137 k_MtrCurrEOLMaxOffset_Volts_f32 1.38772607 k_MtrCurrEOLMinOffset_Volts_f32 1.38772607 k_MtrCurrOffLocomOff_Cort_Uoff 1000 tgt_CmMtrCurr_Per3_ADCMtrCurr_Volts_f32.value 1.1830914 tgt_CmMttrCurr_Per3_ADCMtrCurr_Volts_f32.value 1.88084521 tgt_CmMttrCurr_Per3_ADCMtrCurr_Volts_f32.value 1.1830914 tgt_CmMttrCurr_Per3_Vecu_Volt_f32.value 25.0432358 tgt_CmMtrCurr_Per3_Vers_Volt_M_f32.value 1.12093002e-008 tgt_CmMtrCurr_Per3_Vers_Volt_M_f54ps_f32.value 1.12093002e-008 tgt_CmMtrCurr_Per3_Vers_Volt_M_f54ps_f32.value 1.12093002e-008 tgt_CmMtrCurr_Per3_Vers_Volt_M_f54ps_f32.value 1.13328733 tgt_Pim_shCurrCail_EOLMtrCurrOffsetLo_Volts_f32 1.3528733 tgt_Pim_shCurrCail_EOLMtrCurrOffsetLo_Volts_f32 1.3528733 tgt_Pim_shCurrCail_EOLMtrCurrOffsetLo_Volts_f32 1.3524004 tgt_Ret_inst_Sa_CmMttrCurr_OffsetDif_Volts_f32 1.5541091 tgt_Ret_inst_Sa_CmMtrCurr_OffsetDif_Volts_f32 1.5541091 tgt_Ret_inst_Sa_CmMtrCurr_OffsetLo_Volts_f32 1.5541091 tgt_Ret_inst_Sa_CmMtrCurr_OffsetLo_Volts_f32 1.5541091 tgt_Ret_inst_Sa_CmMtrCurr_OffsetLo_Volts_f32 1.5541091 tgt_Ret_inst_Sa_CmMtrCurr_OffsetLo_Volts_f32 1.5541091		
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_kpt_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_RabpS_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_Vers_ADCMtrCurr_Per3_ADCMtrCurr_Per3_ADCMtrCurr_Per3_ADCMtrCurr_Per3_ADCMtrCurr_Per3_ADCMtrCurr_Per3_ADCMtrCurr_Pe		
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_VoltCnts_f32         66.5053101           tgt_Pim_ShCurrCal_EOLMtrCurrYcolt_Gold_VoltCnts_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_Re_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32         tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32           tgt_Re_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32         tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32           tgt_CmMtrCurr_Per3_ADCMtrCurr_Per3_ADCMtrCurr2_Volts_f32         tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32		
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_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_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_	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	48	48 ± 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	<b>✓</b>	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 ± 0.0003	~	
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	✓	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2565.43408	2565.43408 ± 0.0003	~	
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	~	
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	~	
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	27251.8008	27251.8008 ± 0.0003	<b>✓</b>	
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	49166.3633	49166.3633 ± 0.001	<b>✓</b>	
CmMtrCurr_VecuSum_Volt_M_f32	811.594971	811.594971 ± 0.0009765625	~	
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	1000	1000 ± 1	<b>✓</b>	
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	66.5053101	66.5053101 ± 0.004	~	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.07186615	1.07186615 ± 0.0003	<b>✓</b>	
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.33528733	1.33528733 ± 0.0003	<b>*</b>	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.92991114	2.92991114 ± 0.0003	<b>~</b>	
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.5541091	1.5541091 ± 0.0003	<b>✓</b>	

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

Test Step 2.54 (Repeat Count = 1)	
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	48
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_LOAVERAGE
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1
CmMtrCurr_CurroffProcessFlag_M_enum	2
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.89845324
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.79951966
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.79951966
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	3
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.43861294
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.31556726
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	132.664993
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	0
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	30192.9102
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	51315.3594
CmMtrCurr_VecuSum_Volt_M_f32	822.724976
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrOffNoofAvg_Cnt_u16	7850
k_MaxCurrOffMtrVel_RadpS_f32	17.6410484
k_MtrCurrEOLMaxOffset_Volts_f32	3
k_MtrCurrEOLMinOffset_Volts_f32	1.6284523
k_MtrCurrOffLoComOff_Cnt_u16	1050
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	1.52804279
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.6518712
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	17
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	27.7039509
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.82093007e-008
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	63330.0391
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3
tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32	2.78589034

tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetDiff\_Volts\_f32

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





Name	Input Value		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.26931763		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_	_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_	_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cr	nt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRad	dpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_	_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	49	49 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_LOAVERAGE	CURROFF_LOAVERAGE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.89845324	2.89845324 ± 0.0003	<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	~
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	2.43861294	2.43861294 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.31556726	1.31556726 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	132.664993	132.664993 ± 0.0003	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	1.6518712	1.6518712 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	30192.9102	30192.9102 ± 0.0003	~
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	51315.3594	51315.3594 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	822.724976	822.724976 ± 0.0009765625	<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	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.78589034	2.78589034 ± 0.0003	~
		l	

Test Step Call Trace				<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	~

2.26931763

3 ± 0.0003

2.26931763 ± 0.0003

3

Test Step 2.55 (Repeat Count = 1)	✓
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	49
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_LOAVERAGE
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1
CmMtrCurr_CurroffProcessFlag_M_enum	3
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3.25399995
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.69485998
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	1.76121855
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	3
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.55947113
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.69362235
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	143.794998
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	50000
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	33134.0195
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	70020.0547
CmMtrCurr_VecuSum_Volt_M_f32	833.85498
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrOffNoofAvg_Cnt_u16	8350
k_MaxCurrOffMtrVel_RadpS_f32	9.910882
k_MtrCurrEOLMaxOffset_Volts_f32	3
k_MtrCurrEOLMinOffset_Volts_f32	2.75472307
k_MtrCurrOffLoComOff_Cnt_u16	1100
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	1.20388198
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	2.78112721
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	9

CmMtrCurr\_Per3



Name	Input Value		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	12.5219145		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.72093007e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	69826.0703		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.46081305		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.26964259		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_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_VhSpdValid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Namo	Actual Value	Expected Value	Pocult

tgt_Rte_inst_sa_cmixtrcurr.Plin_shcurrcal	tgt_Pini_ShCurrCai		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	50	50 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_LOAVERAGE	CURROFF_LOAVERAGE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
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	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.55947113	1.55947113 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.69362235	2.69362235 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	143.794998	143.794998 ± 0.0003	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	50002.7813	50002.7813 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	33134.0195	33134.0195 ± 0.0003	<b>~</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	70020.0547	70020.0547 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	833.85498	833.85498 ± 0.0009765625	<b>~</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	1100	1100 ± 1	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	69826.0703	69826.0703 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.46081305	2.46081305 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.26964259	1.26964259 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	~

Test Step Call Trace				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 2.56 (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



Name	Input Value			
k_MtrCurrEOLMaxOffset_Volts_f32	2.88271761	2.88271761		
k_MtrCurrEOLMinOffset_Volts_f32	2.64306164			
k_MtrCurrOffLoComOff_Cnt_u16	1150			
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	3			
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	0.716357231			
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	11			
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	23.9801941			
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.62093006e-008			
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1			
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	56485.5195			
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.20154941			
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.93720007			
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3			
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.55611205			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts	_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts	_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3	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_Igc			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	51	51 ± 1	~	

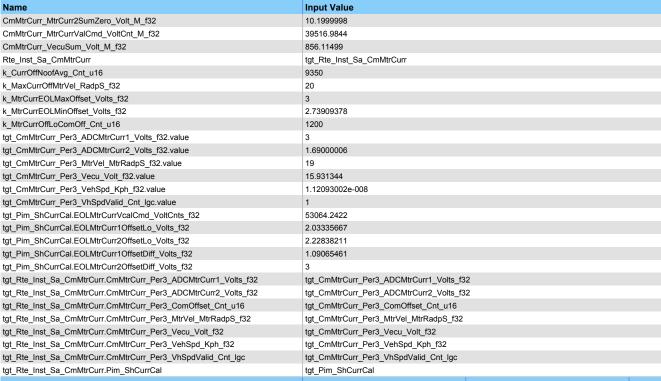
9	1.5		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	51	51 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_LOAVERAGE	CURROFF_LOAVERAGE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.57795274	1.57795274 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3.98539996	3.98539996 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3.75889993	3.75889993 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	29.4384918	29.4384918 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	4.1917057	4.1917057 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	2.27125239	2.27125239 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.39812922	1.39812922 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.07563138	2.07563138 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	154.925003	154.925003 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	2.97035718	2.97035718 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	36075.1289	36075.1289 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	13451.8496	13451.8496 ± 0.001	<b>✓</b>
CmMtrCurr_VecuSum_Volt_M_f32	844.984985	844.984985 ± 0.0009765625	<b>✓</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	1150	1150 ± 1	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	56485.5195	56485.5195 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.20154941	1.20154941 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.93720007	2.93720007 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.55611205	1.55611205 ± 0.0003	<b>✓</b>

Test Step Call Trace				<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 2.57 (Repeat Count = 1)		V
Name	Input Value	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	51	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_ZEROAVERAGE	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	
CmMtrCurr_CurroffProcessFlag_M_enum	1	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.42709577	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.69485998	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.40540409	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	28.6460514	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.02315331	
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	0	
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.8704468	
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3	
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.06732988	
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	166.054993	
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	1.17778456	

CmMtrCurr\_Per3





igi_ric_ms_ca_ominitodirii im_onodirodi	tgt_i iii_ciicuiicai		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	52	52 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_ZEROAVERAGE	CURROFF_ZEROAVERAGE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.42709577	1.42709577 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.69485998	1.69485998 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.40540409	2.40540409 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	28.6460514	28.6460514 ± 0.0003	<b>✓</b>
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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.03335667	2.03335667 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.22838211	2.22838211 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.09065461	1.09065461 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	•

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	•

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



CmMtrCurr_Per3	)-U7-24, 13:44:U6+U53U		Razorcat
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_Cr	nt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRad	dpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_	_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_C	Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resul
CmMtrCurr CurrOffAvgCounter Cnt M u16	53	53 ± 1	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_ZEROAVERAGE	CURROFF_ZEROAVERAGI	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	•
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	•
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.43832135	2.43832135 ± 0.0003	
CmMtrCurr MtrCurr1OffsetLo Volt M f32	3.75889993	3.75889993 ± 0.0003	
CmMtrCurr MtrCurr1OffsetZero Volt M f32	3	3 ± 0.0003	
CmMtrCurr MtrCurr1SumHi Volt M f32	16.249506	16.249506 ± 0.0003	

<u></u>	, o = =		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	53	53 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_ZEROAVERAGE	CURROFF_ZEROAVERAGE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.43832135	2.43832135 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3.75889993	3.75889993 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	16.249506	16.249506 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.15069818	2.15069818 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	50001.6055	50001.6055 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.62499225	1.62499225 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.9485718	1.9485718 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.58597875	2.58597875 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	177.184998	177.184998 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	41959.5234	41959.5234 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	27235.4863	27235.4863 ± 0.001	<b>✓</b>
CmMtrCurr_VecuSum_Volt_M_f32	867.244995	867.244995 ± 0.0009765625	<b>✓</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	28654.791	28654.791 ± 0.004	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.52237737	1.52237737 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.7247448	2.7247448 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	<b>✓</b>

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	•

Test Step 2.59 (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

2016-07-24, 13:44:06+0530



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 Igc.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_\text{'}	Volts f32	
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr2 Volts f32	tgt CmMtrCurr Per3 ADCMtrCurr2	<del>-</del>	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnf	_	
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	pouz	
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		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal	90	
Name	Actual Value	Expected Value	Resul
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	54	54 ± 1	rtcsui
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	
	4.52099991	4.52099991 ± 0.0003	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	8.32323647	4.52099991 ± 0.0003 8.32323647 ± 0.0003	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32			
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.71490192	2.71490192 ± 0.0003	,

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	•
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	<b>✓</b>
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	<b>✓</b>
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.71490192	2.71490192 ± 0.0003	•
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	266.313141	266.31311 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.80599678	1.80599678 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.37993598	2.37993598 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.14313006	2.14313006 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	188.315002	188.315002 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	29.4384918	29.4384918 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	44901.4609	44901.4609 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	1339.94348	1339.94348 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	878.375	878.375 ± 0.0009765625	•
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	•
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	60901.1875	60901.1875 ± 0.004	•
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	•
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.85061121	1.85061121 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.00795436	2.00795436 ± 0.0003	<b>✓</b>

Test Step Call Trace				<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 2.60 (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	4.099999		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	30.7622643 1.74427593		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.24155974		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.63570929		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.94488144		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	199.445007		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	28.6460514		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	0		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	22243.6348		
CmMtrCurr_VecuSum_Volt_M_f32	889.505005		
Rte_Inst_Sa_CmMtrCurr k_CurrOffNoofAvg_Cnt_u16	tgt_Rte_Inst_Sa_CmMtrCurr		
k MaxCurrOffMtrVel RadpS f32	17.267849		
k_MtrCurrEOLMaxOffset_Volts_f32	2.14811063		
k_MtrCurrEOLMinOffset_Volts_f32	1.8682915		
k_MtrCurrOffLoComOff_Cnt_u16	1350		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0.641766071		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	2.16365433		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	17		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	16.816925		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1.12093002e-008		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	42107.3086		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	2.37534189		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.29947114		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.20110023		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.85809946		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_	f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_	f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3: 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_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	55	55 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_ZEROAVERAGE	CURROFF_ZEROAVERAGE	•
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3 4.0999999	3 ± 0.0003	<b>*</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr MtrCurr1SumHi Volt M f32	30.7622643	4.0999999 ± 0.0003 30.7622643 ± 0.0003	
CmMtrCurr MtrCurr1SumLo Volt M f32	1.74427593	1.74427593 ± 0.0003	-
CmMtrCurr MtrCurr1SumZero Volt M f32	3.64176607	3.64176607 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.24155974	1.24155974 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.63570929	1.63570929 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.94488144	2.94488144 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	199.445007	199.445007 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	28.6460514	28.6460514 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.16365433	2.16365433 ± 0.0003	<b>V</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32 CmMtrCurr VecuSum Volt M f32	22243.6348 889.505005	22243.6348 ± 0.001 889.505005 ± 0.0009765625	~
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	42107.3086	42107.3086 ± 0.004	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.37534189	2.37534189 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.29947114	1.29947114 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.20110023	1.20110023 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.85809946	1.85809946 ± 0.0003	~



Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	<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		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1		
CmMtrCurr_CurroffProcessFlag_M_enum	0		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.52099991		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.19999981		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	26.5270271		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.06164098		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.28129196		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.68251061		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.39488578		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	16.249506		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	50000		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	64880.5586		
CmMtrCurr_VecuSum_Volt_M_f32	900.63501		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	125		
k_MaxCurrOffMtrVel_RadpS_f32	8.85937309		
k_MtrCurrEOLMaxOffset_Volts_f32	1.42353129		
k_MtrCurrEOLMinOffset_Volts_f32	3		
k_MtrCurrOffLoComOff_Cnt_u16	1400		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0.651286364		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.71013331		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	8		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	7.10547543		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.82093007e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	79655.7031		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.87794566		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.16573894		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.52786815		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_	Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_	Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_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_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_Ci		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resu
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	56	56 ± 1	1.000
CmMtrCurr CurrOffState Uls M enum	CURROFF_ZEROAVERAGE	CURROFF ZEROAVERAGE	
CmMtrCurr CurrOffTrimFlag Cnt M lgc	1	1	
CmMtrCurr CurroffProcessFlag M enum	1	1	

igi_nte_inst_sa_ciniviticun.rim_shourical	tgt_Filit_Silouitoai		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	56	56 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_ZEROAVERAGE	CURROFF_ZEROAVERAGE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	•
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.52099991	4.52099991 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.19999981	4.19999981 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	26.5270271	26.5270271 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	3.65128636	3.65128636 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.06164098	2.06164098 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.28129196	1.28129196 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.68251061	2.68251061 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.39488578	2.39488578 ± 0.0003	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	16.249506	16.249506 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	50001.7109	50001.7109 ± 0.0003	~
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	64880.5586	64880.5586 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	900.63501	900.63501 ± 0.0009765625	<b>✓</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~

CmMtrCurr\_Per3

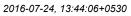


Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	79655.7031	79655.7031 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.87794566	2.87794566 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.16573894	1.16573894 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.52786815	1.52786815 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	~

Test Step Call Trace				<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 2.62 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
CmMtrCurr CurrOffAvgCounter Cnt M u16	56		
CmMtrCurr CurrOffState UIs M enum	CURROFF ZEROAVERAGE		
CmMtrCurr CurrOffTrimFlag Cnt M lgc	1		
CmMtrCurr CurroffProcessFlag M enum	0		
CmMtrCurr MtrCurr1OffsetHi Volt M f32	3		
CmMtrCurr MtrCurr1OffsetLo Volt M f32	4.0999999		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.30000019		
CmMtrCurr MtrCurr1SumHi Volt M f32	23.799696		
CmMtrCurr MtrCurr1SumLo Volt M f32	2.25029397		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	2.99754834		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.03358698		
CmMtrCurr MtrCurr2OffsetLo Volt M f32	3		
CmMtrCurr MtrCurr2OffsetZero Volt M f32	1.35347366		
CmMtrCurr MtrCurr2SumHi Volt M f32	1.56559098		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	8.32323647		
CmMtrCurr MtrCurr2SumZero Volt M f32	6587.1001		
CmMtrCurr MtrCurrValCmd VoltCnt M f32	55931.2383		
CmMtrCurr VecuSum Volt M f32	911.765015		
Rte Inst Sa CmMtrCurr	tgt Rte Inst Sa CmMtrCurr		
k CurrOffNoofAvg Cnt u16	74		
k MaxCurrOffMtrVel RadpS f32	9.48729229		
k MtrCurrEOLMaxOffset Volts f32	2.20328736		
k_MtrCurrEOLMinOffset_Volts_f32	2.53037405		
k MtrCurrOffLoComOff Cnt u16	1450		
tgt CmMtrCurr Per3 ADCMtrCurr1 Volts f32.value	2.58634853		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	2.03627253		
tgt CmMtrCurr Per3 MtrVel MtrRadpS f32.value	9		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	16.0870552		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.72093007e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	18510.1816		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.38779759		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32	3		
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	1.83586252		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr1 Volts f32	tgt CmMtrCurr Per3 ADCMtrCurr1 Volts f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtr		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ComOffset Cnt u16	tgt CmMtrCurr Per3 ComOff		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 MtrVel MtrRadpS f32	tgt CmMtrCurr Per3 MtrVel		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 Vecu Volt f32	tgt_CmMtrCurr_Per3_Vecu_V	· <del>-</del>	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd	_	
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 VhSpdValid Cnt Igc	tgt CmMtrCurr Per3 VhSpdV		
tgt Rte Inst Sa CmMtrCurr.Pim ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr CurrOffAvaCounter Cnt M u16	Actual Value	57 ± 1	Result

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	57	57 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_ZEROAVERAGE	CURROFF_ZEROAVERAGE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	✓
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.0999999	4.0999999 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.30000019	4.30000019 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	23.799696	23.799696 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.25029397	2.25029397 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	5.58389664	5.58389664 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.03358698	2.03358698 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.35347366	1.35347366 ± 0.0003	<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	<b>✓</b>
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	6589.13623	6589.13623 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	55931.2383	55931.2383 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	911.765015	911.765015 ± 0.0009765625	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	•
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	18510.1816	18510.1816 ± 0.004	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	<b>✓</b>
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>

Test Step Call Trace				<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	~

Name	Input Value		
CmMtrCurr CurrOffAvgCounter Cnt M u16	57		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1		
CmMtrCurr_CurroffProcessFlag_M_enum	1		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.19999981		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.4000001		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	15.8433237		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.85141718		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	2.6369369		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.38367915		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.7515341		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.69245267		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	30.7622643		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.93037891		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	20898.541		
CmMtrCurr_VecuSum_Volt_M_f32	922.89502		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	25		
k_MaxCurrOffMtrVel_RadpS_f32	11.6127138		
k_MtrCurrEOLMaxOffset_Volts_f32	1.60846543		
k_MtrCurrEOLMinOffset_Volts_f32	1		
k_MtrCurrOffLoComOff_Cnt_u16	1500		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	1.64029288		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	0.911126375		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	11		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	14.1631308		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.82093007e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	62447.9336		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.77314484		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.8215363		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.66199911		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.22172582		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCur	rr1_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	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_Mtr	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_K	ph_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	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	E7	57 ± 1	

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





Name	Actual Value	Expected Value	Result
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	15.8433237	15.8433237 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.85141718	1.85141718 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	2.6369369	2.6369369 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.38367915	1.38367915 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.7515341	1.7515341 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.69245267	2.69245267 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	30.7622643	30.7622643 ± 0.0003	•
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.93037891	2.93037891 ± 0.0003	•
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	20898.541	20898.541 ± 0.001	<b>✓</b>
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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.77314484	1.77314484 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.8215363	2.8215363 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.66199911	1.66199911 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.22172582	1.22172582 ± 0.0003	<b>✓</b>

Test Step Call Trace				<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 2.64 (Repeat Count = 1)			•
Name	Input Value		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	58		
CmMtrCurr CurrOffState Uls M enum	CURROFF CALC		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1		
CmMtrCurr CurroffProcessFlag M enum	1		
CmMtrCurr MtrCurr1OffsetHi Volt M f32	3		
CmMtrCurr MtrCurr1OffsetLo Volt M f32	4.30000019		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.5		
CmMtrCurr MtrCurr1SumHi Volt M f32	5.44003773		
CmMtrCurr MtrCurr1SumLo Volt M f32	3		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	2.27791405		
CmMtrCurr MtrCurr2OffsetHi Volt M f32	3		
CmMtrCurr MtrCurr2OffsetLo Volt M f32	2.84746766		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.13700366		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.70743656		
CmMtrCurr MtrCurr2SumLo Volt M f32	26.5270271		
CmMtrCurr MtrCurr2SumZero Volt M f32	3		
CmMtrCurr MtrCurrValCmd VoltCnt M f32	66635.5391		
CmMtrCurr_VecuSum_Volt_M_f32	934.025024		
Rte Inst Sa CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k CurrOffNoofAvg Cnt u16	236		
k_MaxCurrOffMtrVel_RadpS_f32	11.1014509		
k MtrCurrEOLMaxOffset Volts f32	2.47209358		
k MtrCurrEOLMinOffset Volts f32	3		
k MtrCurrOffLoComOff Cnt u16	987		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	1.65106726		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	2.47675037		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	11		
tgt CmMtrCurr Per3 Vecu Volt f32.value	24.1849651		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.72093007e-008		
tgt CmMtrCurr Per3 VhSpdValid Cnt Igc.value	1		
tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	64127.5586		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	2.42812848		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.53307629		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	1.34935308		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_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_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
	, <del>-</del>		
Name	Actual Value	Expected Value	Resu





Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.30000019	4.30000019 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.5	4.5 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	5.44003773	5.44003773 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	2.27791405	2.27791405 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.84746766	2.84746766 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.13700366	2.13700366 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.70743656	1.70743656 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	26.5270271	26.5270271 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	66635.5391	66635.5391 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	934.025024	934.025024 ± 0.0009765625	•
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	64127.5586	64127.5586 ± 0.004	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.42812848	2.42812848 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.53307629	2.53307629 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.34935308	1.34935308 ± 0.0003	~

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~	
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	<b>✓</b>	

Test Step 2.65 (Repeat Count = 1)	
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	59
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1
CmMtrCurr_CurroffProcessFlag_M_enum	1
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.24453545
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.4000001
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.5999999
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	2.86287165
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	2.24005342
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.97318363
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.54518676
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.804142
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.5382781
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	23.799696
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.72795427
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	42507.0195
CmMtrCurr_VecuSum_Volt_M_f32	945.155029
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrOffNoofAvg_Cnt_u16	14
k_MaxCurrOffMtrVel_RadpS_f32	4.04353189
k_MtrCurrEOLMaxOffset_Volts_f32	1.7062211
k_MtrCurrEOLMinOffset_Volts_f32	2.0999999
k_MtrCurrOffLoComOff_Cnt_u16	654
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	2.85092187
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.95932174
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	4
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	13.4317789
tgt CmMtrCurr Per3 VehSpd Kph f32.value	1.62093006e-008
tgt CmMtrCurr Per3 VhSpdValid Cnt lgc.value	1
tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	33614.7266
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	2.36289644
tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32	2.42268705
tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32	1.71854186
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	2.17331958
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr2 Volts f32	tgt CmMtrCurr Per3 ADCMtrCurr2 Volts f32
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ComOffset Cnt u16	tgt CmMtrCurr Per3 ComOffset Cnt u16
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 MtrVel MtrRadpS f32	tgt CmMtrCurr Per3 MtrVel MtrRadpS f32





Name	Input Value		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	59	59 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	<b>✓</b>
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	<b>~</b>
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	•
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.97318363	2.97318363 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.54518676	2.54518676 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.804142	2.804142 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.5382781	2.5382781 ± 0.0003	•
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	23.799696	23.799696 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.72795427	1.72795427 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	42507.0195	42507.0195 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	945.155029	945.155029 ± 0.0009765625	•
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	33614.7266	33614.7266 ± 0.004	•
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.36289644	2.36289644 ± 0.0003	<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	<b>✓</b>

Test Step Call Trace				<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\_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

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



956.284973 ± 0.0009765625

36573.0195 ± 0.004

1.17193532 ± 0.0003

2.49366164 ± 0.0003

1.44606352 ± 0.0003

1.89337552 ± 0.0003

0 ± 1

Name	Input Value			
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.44606352			
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.89337552	1.89337552		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr	1_Volts_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr	2_Volts_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_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	Result	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	60	60 ± 1	~	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	~	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~	
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	<b>✓</b>	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.81754565	2.81754565 ± 0.0003	~	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.5	4.5 ± 0.0003	<b>✓</b>	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.6999981	4.69999981 ± 0.0003	~	
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	<b>✓</b>	
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>	
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	<b>✓</b>	
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	15.8433237	15.8433237 ± 0.0003	~	
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>	
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	50648.5977	50648.5977 ± 0.001	~	

Test Step Call Trace				<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	~

956.284973

36573.0195

1.17193532

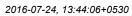
2.49366164

1.44606352

1.89337552

0

Test Step 2.67 (Repeat Count = 1)	
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	61
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1
CmMtrCurr_CurroffProcessFlag_M_enum	0
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.5999999
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.80000019
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	15487.3604
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.78895056
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.66018128
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.16022956
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	5.44003773
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	33953.457
CmMtrCurr_VecuSum_Volt_M_f32	967.414978
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrOffNoofAvg_Cnt_u16	369
k_MaxCurrOffMtrVel_RadpS_f32	3.40498996
k_MtrCurrEOLMaxOffset_Volts_f32	3
k_MtrCurrEOLMinOffset_Volts_f32	1.20024276
k_MtrCurrOffLoComOff_Cnt_u16	587
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	2.53271556
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	3
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	3





Name	Input Value			
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	9.09741783	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_ADCMtrCurr	2_Volts_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_0	Cnt_u16		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrR	adpS_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f3	32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph	n_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_	_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	61	61 ± 1	~	
CmMtrCurr CurrOffState Uls M enum	CURROFF_INTIALISE CURROFF_INTIALISE			

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	<b>✓</b>
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	15487.3604	15487.3604 ± 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	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.66018128	2.66018128 ± 0.0003	~
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	<b>✓</b>
CmMtrCurr_VecuSum_Volt_M_f32	967.414978	967.414978 ± 0.0009765625	<b>✓</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	<b>✓</b>
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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.37171364	2.37171364 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.71984124	2.71984124 ± 0.0003	<b>✓</b>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Test Step 2.68 (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



Name	Input Value			
k_MtrCurrEOLMaxOffset_Volts_f32	2.0999999	2.0999999		
k_MtrCurrEOLMinOffset_Volts_f32	2.17881703			
k_MtrCurrOffLoComOff_Cnt_u16	589	589		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0.830244541			
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.48206139			
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	15			
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	21.0107632			
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.72093007e-008			
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1			
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	45636.1367			
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.72630322			
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3			
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.08261728			
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.59304428			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_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_MtrI	RadpS_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_	f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kp	h_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	62	62 ± 1	~	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	~	

191_1 110_11101_04_0111111111_0110411041	tgt_ronounou		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	62	62 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.26628852	2.26628852 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.6999981	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	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	18428.4707	18428.4707 ± 0.0003	<b>✓</b>
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	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.78107488	1.78107488 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.66323638	2.66323638 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	2.86287165	2.86287165 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.20921946	1.20921946 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	55850.0508	55850.0508 ± 0.001	<b>✓</b>
CmMtrCurr_VecuSum_Volt_M_f32	978.544983	978.544983 ± 0.0009765625	<b>✓</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	<b>✓</b>
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	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.08261728	2.08261728 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.59304428	1.59304428 ± 0.0003	<b>✓</b>

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~	
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	<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	

2016-07-24, 13:44:06+0530



Name	Input Value		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.53830063		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	9725.94531		
CmMtrCurr_VecuSum_Volt_M_f32	989.674988		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	258		
k_MaxCurrOffMtrVel_RadpS_f32	8.86568737		
k_MtrCurrEOLMaxOffset_Volts_f32	3		
k_MtrCurrEOLMinOffset_Volts_f32	1		
k_MtrCurrOffLoComOff_Cnt_u16	1200		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0.744054079		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.20999026		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	8		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	30.8183956		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.12093002e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	30670.2969		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.57652688		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.05092359		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.04884481		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.97813463		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f3	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f3	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		
tgt Rte Inst Sa CmMtrCurr.Pim ShCurrCal	tgt Pim ShCurrCal		
tgt_tte_mst_sa_cmivitcun:Fim_shourdar	3		

@CC	19		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	63	63 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	•
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 ± 0.0003	<b>~</b>
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	0	0 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.38621521	1.38621521 ± 0.0003	•
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	1.19170594	1.19170594 ± 0.0003	•
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	21369.5801	21369.5801 ± 0.0003	•
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	3	3 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.75171995	1.75171995 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3.32500005	3.32500005 ± 0.0003	•
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.34348607	2.34348607 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	1.49885356	1.49885356 ± 0.0003	•
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	✓
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	•
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.05092359	2.05092359 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.04884481	2.04884481 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.97813463	2.97813463 ± 0.0003	<b>✓</b>

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	<b>✓</b>

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	

CmMtrCurr\_Per3

2016-07-24, 13:44:06+0530



Input Value  $CmMtrCurr\_MtrCurr1SumZero\_Volt\_M\_f32$ 3 CmMtrCurr\_MtrCurr2OffsetHi\_Volt\_M\_f32 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 k\_MaxCurrOffMtrVel\_RadpS\_f32 15 1356554 k\_MtrCurrEOLMaxOffset\_Volts\_f32 3 1 75381374 k MtrCurrEOLMinOffset Volts f32 k\_MtrCurrOffLoComOff\_Cnt\_u16 1250 2.33343601 tgt\_CmMtrCurr\_Per3\_ADCMtrCurr1\_Volts\_f32.value  $tgt\_CmMtrCurr\_Per3\_ADCMtrCurr2\_Volts\_f32.value$ 1.1714673 tgt\_CmMtrCurr\_Per3\_MtrVel\_MtrRadpS\_f32.value 15  $tgt\_CmMtrCurr\_Per3\_Vecu\_Volt\_f32.value$ 11.564992 tgt\_CmMtrCurr\_Per3\_VehSpd\_Kph\_f32.value 1.82093007e-008  $tgt\_CmMtrCurr\_Per3\_VhSpdValid\_Cnt\_lgc.value$ 1 tgt\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32 659.655212  $tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32$ 3 tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetLo\_Volts\_f32 2.62237978  $tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetDiff\_Volts\_f32$ 3  $tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetDiff\_Volts\_f32$ 1.62126434 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ADCMtrCurr1\_Volts\_f32 tgt\_CmMtrCurr\_Per3\_ADCMtrCurr1\_Volts\_f32  $tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ADCMtrCurr2\_Volts\_f32$ tgt\_CmMtrCurr\_Per3\_ADCMtrCurr2\_Volts\_f32 tgt\_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 Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 VhSpdValid Cnt Igc tgt CmMtrCurr Per3 VhSpdValid Cnt Igc tgt\_Rte\_Inst\_Sa\_CmMtrCurr.Pim\_ShCurrCal tgt\_Pim\_ShCurrCal

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	64	64 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	5	5 ± 0.0003	•
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.3681531	2.3681531 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	12546.25	12546.25 ± 0.0003	•
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	24310.6895	24310.6895 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.81125057	1.81125057 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.06366134	2.06366134 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	33134.0195	33134.0195 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	1.2478286	1.2478286 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	44400.6758	44400.6758 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	1000.80499	1000.80499 ± 0.0009765625	<b>✓</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	659.655212	659.655212 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.62237978	2.62237978 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.62126434	1.62126434 ± 0.0003	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	•

Test Step 2.71 (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 Per3

2016-07-24, 13:44:06+0530



Input Value CmMtrCurr\_CurroffProcessFlag\_M\_enum CmMtrCurr\_MtrCurr1OffsetHi\_Volt\_M\_f32 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

 $CmMtrCurr\_MtrCurr2OffsetZero\_Volt\_M\_f32$ CmMtrCurr\_MtrCurr2SumHi\_Volt\_M\_f32 36075.1289 CmMtrCurr\_MtrCurr2SumLo\_Volt\_M\_f32 CmMtrCurr\_MtrCurr2SumZero\_Volt\_M\_f32 2.75711107 66466 9297 CmMtrCurr MtrCurrValCmd VoltCnt M f32 CmMtrCurr\_VecuSum\_Volt\_M\_f32 1011.935

Rte\_Inst\_Sa\_CmMtrCurr k\_CurrOffNoofAvg\_Cnt\_u16 357

k\_MaxCurrOffMtrVel\_RadpS\_f32 k\_MtrCurrEOLMaxOffset\_Volts\_f32 2.60659194 k\_MtrCurrEOLMinOffset\_Volts\_f32 1.60813093  $k\_MtrCurrOffLoComOff\_Cnt\_u16$ 1300 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\_VehSpd\_Kph\_f32.value 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.EOLMtrCurr1OffsetDiff Volts f32

tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32 tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr1 Volts f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ADCMtrCurr2\_Volts\_f32

tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ComOffset\_Cnt\_u16 tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 MtrVel MtrRadpS f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_Vecu\_Volt\_f32

 $tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_VehSpd\_Kph\_f32$ tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_VhSpdValid\_Cnt\_Igc

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

3 98569989 tgt\_Rte\_Inst\_Sa\_CmMtrCurr 7.43185806 0.322858572 0.601245165 30.379221 1.72093007e-008 10412.2559 2.08674288 3 1.83028007 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 tot Pim ShCurrCal Result

**Actual Value Expected Value** Name CmMtrCurr\_CurrOffAvgCounter\_Cnt\_M\_u16 100 ± 1 CURROFF INTIALISE CURROFF INTIALISE CmMtrCurr\_CurrOffState\_Uls\_M\_enum CmMtrCurr\_CurrOffTrimFlag\_Cnt\_M\_lgc 0 0 3 CmMtrCurr CurroffProcessFlag M enum 3 2 + 0 0003  $CmMtrCurr\_MtrCurr1OffsetHi\_Volt\_M\_f32$ CmMtrCurr\_MtrCurr1OffsetLo\_Volt\_M\_f32 2.25399995 2.25399995 ± 0.0003 1 1426152 + 0 0003 CmMtrCurr MtrCurr1OffsetZero Volt M f32 1 1426152 15487.3604 15487.3604 ± 0.0003 CmMtrCurr\_MtrCurr1SumHi\_Volt\_M\_f32 ~ CmMtrCurr\_MtrCurr1SumLo\_Volt\_M\_f32 27251 8008 27251 8008 + 0 0003 10.2349997 10.2349997 ± 0.0003 CmMtrCurr\_MtrCurr1SumZero\_Volt\_M\_f32 ~ CmMtrCurr MtrCurr2OffsetHi Volt M f32 2 2 ± 0.0003 CmMtrCurr\_MtrCurr2OffsetLo\_Volt\_M\_f32 3 ± 0.0003 V CmMtrCurr\_MtrCurr2OffsetZero\_Volt\_M\_f32 3.98569989 3.98569989 ± 0.0003 CmMtrCurr\_MtrCurr2SumHi\_Volt\_M\_f32 36075.1289 36075.1289 ± 0.0003 CmMtrCurr\_MtrCurr2SumLo\_Volt\_M\_f32  $3 \pm 0.0003$  $CmMtrCurr\_MtrCurr2SumZero\_Volt\_M\_f32$ 2.75711107  $2.75711107 \pm 0.0003$ CmMtrCurr\_MtrCurrValCmd\_VoltCnt\_M\_f32 66466.9297 66466.9297 ± 0.001 CmMtrCurr\_VecuSum\_Volt\_M\_f32 1011.935 1011.935 ± 0.0009765625 tgt\_CmMtrCurr\_Per3\_ComOffset\_Cnt\_u16.value 0 ± 1 10412.2559  $tgt\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32$ 10412.2559 ± 0.004 2.08674288 ± 0.0003  $tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32$ 2.08674288  $3 \pm 0.0003$ tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32 3 tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetDiff\_Volts\_f32 1.83028007 1.83028007 ± 0.0003 tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32 3 ± 0.0003 3

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~





Test Step 2.72 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	500		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1		
CmMtrCurr_CurroffProcessFlag_M_enum	0		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.03766644		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	18428.4707		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	30192.9102		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	21.3649998		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.93872654		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	39016.2383		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	1.74210644		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	17001.7754		
CmMtrCurr_VecuSum_Volt_M_f32	1023.065		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	158		
k_MaxCurrOffMtrVel_RadpS_f32	0.919944882		
k_MtrCurrEOLMaxOffset_Volts_f32	1.20769453		
k_MtrCurrEOLMinOffset_Volts_f32 k MtrCurrOffLoComOff Cnt u16	1350		
k_MtrCurrOffLoComOff_Cnt_u16 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	1.83188581		
tgt CmMtrCurr Per3 ADCMtrCurr2 Volts f32.value	2.11928463		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	0		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	8.08698559		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.52093005e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	16989.8633		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	3		
tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32	1.16677904		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.603158		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_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_MtrR	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kpl		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr CurrOffAvgCounter Cnt M u16	500	500 ± 1	-
CmMtrCurr CurrOffState Uls M enum	CURROFF INTIALISE	CURROFF INTIALISE	•
CmMtrCurr CurrOffTrimFlag Cnt M lgc	0	0	
Committee Control of the Control of Control	10	10	<b>→</b>
		3	_
CmMtrCurr_CurroffProcessFlag_M_enum	3		•
	3	3	•
CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3 3	3 3 ± 0.0003	
CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3 3 1.03766644	3 3 ± 0.0003 1.03766644 ± 0.0003	
CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3 3 1.03766644 3	3 3 ± 0.0003 1.03766644 ± 0.0003 3 ± 0.0003	•
CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3 3 1.03766644 3 18428.4707	3 3±0.0003 1.03766644±0.0003 3±0.0003 18428.4707±0.0003	
CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3 3 1.03766644 3 18428.4707 30192.9102	3 3±0.0003 1.03766644±0.0003 3±0.0003 18428.4707±0.0003 30192.9102±0.0003	
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	3 3 1.03766644 3 18428.4707 30192.9102 21.3649998	3 3 ± 0.0003 1.03766644 ± 0.0003 3 ± 0.0003 18428.4707 ± 0.0003 30192.9102 ± 0.0003 21.3649998 ± 0.0003	0
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	3 3 1.03766644 3 18428.4707 30192.9102 21.3649998 3	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_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_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3 3 1.03766644 3 18428.4707 30192.9102 21.3649998 3	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_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_MtrCurr2OffsetHo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3 3 1.03766644 3 18428.4707 30192.9102 21.3649998 3 1	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_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_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 3 1.03766644 3 18428.4707 30192.9102 21.3649998 3 1 1.93872654 39016.2383	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_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_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	3 3 1.03766644 3 18428.4707 30192.9102 21.3649998 3 1 1.93872654 39016.2383 1.74210644	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_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_MtrCurr2OffsetHo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr_SumZero_Volt_M_f32	3 3 1.03766644 3 18428.4707 30192.9102 21.3649998 3 1 1.93872654 39016.2383 1.74210644 3	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_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_MtrCurr2OffsetHo_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_MtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr_MtrCurrValCmd_VoltCnt_M_f32	3 3 1.03766644 3 18428.4707 30192.9102 21.3649998 3 1 1.93872654 39016.2383 1.74210644 3 17001.7754	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_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_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 CmMtrCurr_VecuSum_Volt_M_f32	3 3 1.03766644 3 18428.4707 30192.9102 21.3649998 3 1 1.93872654 39016.2383 1.74210644 3 17001.7754 1023.065	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	
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_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurrSumZero_Volt_M_f32 CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	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	3 3 ± 0.0003 1.03766644 ± 0.0003 3 ± 0.0003 18428.4707 ± 0.0003 30192.9102 ± 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 0 ± 1	
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_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.EOLMtrCurrValCmd_VoltCnts_f32	3 3 1.03766644 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 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	
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_MtrCurr1SumZero_Volt_M_f32  CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32  CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32  CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32  CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32  CmMtrCurr_MtrCurr2SumHi_Volt_M_f32  CmMtrCurr_MtrCurr2SumZero_Volt_M_f32  CmMtrCurr_MtrCurr2SumZero_Volt_M_f32  CmMtrCurr_MtrCurr2SumZero_Volt_M_f32  CmMtrCurr_MtrCurr2SumZero_Volt_M_f32  cmMtrCurr_MtrCurrSumZero_Volt_M_f32  cmMtrCurr_MtrCurrSumZero_Volt_M_f32  cmMtrCurr_VecuSum_Volt_M_f32  tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value  tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3 3 1.03766644 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	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	



Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~	
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	<b>✓</b>	

Test Step 2.73 (Repeat Count = 1)			<b>~</b>
Name	Input Value		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	1000		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF CALC		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1		
CmMtrCurr CurroffProcessFlag M enum	3		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.78968191		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	1.74427593		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	33134.0195		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	32.4949989		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.13578081		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3		
CmMtrCurr MtrCurr2OffsetZero Volt M f32	2.69017243		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	41957.3516		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	2.5924716		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.08553576		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	50195.6016		
CmMtrCurr_VecuSum_Volt_M_f32	1034.19495		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	369		
k MaxCurrOffMtrVel RadpS f32	3.21255112		
k MtrCurrEOLMaxOffset Volts f32	1.80947685		
k MtrCurrEOLMinOffset Volts f32	2.55062389		
k_MtrCurrOffLoComOff_Cnt_u16	1400		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	3		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	0.893047094		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	3		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	31		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.42093004e-008		
tgt CmMtrCurr Per3 VhSpdValid Cnt lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	24752.502		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.42258453		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.98788738		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.54850125		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_	Volts f32	
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr2 Volts f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_\	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnf		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRad	_	
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 Vecu Volt f32	tgt CmMtrCurr Per3 Vecu Volt f32		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 VehSpd Kph f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_Cr		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal	23	
Name	Actual Value	Expected Value	Resul
CmMtrCurr CurrOffAvqCounter Cnt M u16	1000	1000 ± 1	Resul
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	1.78968191	1.78968191 ± 0.0003	
CmMtrCurr MtrCurr1OffsetLo Volt M f32	3	3 ± 0.0003	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3	3 ± 0.0003 3 ± 0.0003	
CmMtrCurr MtrCurr1SumHi Volt M f32	1.74427593	1.74427593 ± 0.0003	
CmMtrCurr MtrCurr1SumI o Volt M f32	33134 0105	1.74427595 ± 0.0005	

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	1000	1000 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	•
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.78968191	1.78968191 ± 0.0003	•
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	1.74427593	1.74427593 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	33134.0195	33134.0195 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	32.4949989	32.4949989 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.13578081	2.13578081 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.69017243	2.69017243 ± 0.0003	•
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	41957.3516	41957.3516 ± 0.0003	•
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	2.5924716	2.5924716 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.08553576	1.08553576 ± 0.0003	~
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	50195.6016	50195.6016 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	1034.19495	1034.19495 ± 0.0009765625	•
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~





Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	24752.502	24752.502 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.42258453	2.42258453 ± 0.0003	<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	✓

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~	
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	•	

Test Step 2.74 (Repeat Count = 1)				<b>✓</b>
Name	Input Value			
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	1500			
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC			
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1			
CmMtrCurr_CurroffProcessFlag_M_enum	2			
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.93552423			
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.4932251			
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3			
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3			
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	36075.1289			
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	12546.25			
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.95301342			
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.0999999			
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.3003974			
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.91387296			
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	2.59368324			
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.01610184			
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	11215.4648			
CmMtrCurr_VecuSum_Volt_M_f32	1045.32495			
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr			
k_CurrOffNoofAvg_Cnt_u16	1475			
k_MaxCurrOffMtrVel_RadpS_f32	10.4786997			
k_MtrCurrEOLMaxOffset_Volts_f32	1.60135877			
k_MtrCurrEOLMinOffset_Volts_f32	1.84947562			
k_MtrCurrOffLoComOff_Cnt_u16	1450			
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	1.0454731			
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	2.33811712			
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	10			
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	22.0903473			
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.32093003e-008			
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1			
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	73980.1406			
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.88691401			
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3			
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.23304081			
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtr			
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			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_V	_		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd	- · -		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdV	alid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
Name	Actual Value	Expected Va	alue	Result
CmMtrCurr_CurrOffAvgCounter_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	<b>✓</b>
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.93552423	2.93552423 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.4932251	2.4932251 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	36075.1289	36075.1289 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	12546.25	12546.25 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.95301342	2.95301342 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.0999999	2.0999999 ± 0.0003	✓
CmMtrCurr MtrCurr2OffsetZero Volt M f32	2.3003974	2.3003974 ± 0.0003	✓

CmMtrCurr\_Per3



Name	Actual Value	Expected Value	Result
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.91387296	2.91387296 ± 0.0003	•
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	2.59368324	2.59368324 ± 0.0003	•
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.01610184	2.01610184 ± 0.0003	•
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	11215.4648	11215.4648 ± 0.001	•
CmMtrCurr_VecuSum_Volt_M_f32	1045.32495	1045.32495 ± 0.0009765625	<b>✓</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	73980.1406	73980.1406 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.88691401	2.88691401 ± 0.0003	•
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.23304081	2.23304081 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	~

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~	
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~	

Name	Input Value		
CmMtrCurr CurrOffAvgCounter Cnt M u16	2000		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1		
CmMtrCurr_CurroffProcessFlag_M_enum	1		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	0		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.44151449		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	2.25029397		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	39016.2383		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	15487.3604		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.18853402		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	1.4956274		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.77353692		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	1352.5321		
CmMtrCurr_VecuSum_Volt_M_f32	1056.45496		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	32		
k_MaxCurrOffMtrVel_RadpS_f32	19.3361607		
k_MtrCurrEOLMaxOffset_Volts_f32	3		
<pre>&lt;_MtrCurrEOLMinOffset_Volts_f32</pre>	3		
<_MtrCurrOffLoComOff_Cnt_u16	1500		
gt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	3		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.45383477		
gt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	19		
gt_CmMtrCurr_Per3_Vecu_Volt_f32.value	21.1691227		
gt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.12093002e-008		
gt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
gt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	43754.7461		
gt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.6402266		
gt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
gt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
gt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.29639792		
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCur	r1_Volts_f32	
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCur	r2_Volts_f32	
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_	_Cnt_u16	
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_Mtr	RadpS_f32	
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_	f32	
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kp	bh_f32	
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid	I_Cnt_lgc	
gt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resu
CmMtrCurr CurrOffAvaCountar Ont M u16	2000	2000 + 1	

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	2000	2000 ± 1	•
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	•
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	0	0 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.44151449	2.44151449 ± 0.0003	✓

2016-07-24, 13:44:06+0530



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	<b>✓</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	1352.5321	1352.5321 ± 0.001	<b>✓</b>
CmMtrCurr_VecuSum_Volt_M_f32	1056.45496	1056.45496 ± 0.0009765625	<b>✓</b>
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>

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~	
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	<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_	<u>f</u> 32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	2500	2500 ± 1	<b>✓</b>

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

CmMtrCurr\_Per3

2016-07-24, 13:44:06+0530



2.9058547 ± 0.0003

**Actual Value Expected Value** CmMtrCurr\_CurrOffState\_Uls\_M\_enum CURROFF\_INTIALISE CURROFF\_INTIALISE  $CmMtrCurr\_CurrOffTrimFlag\_Cnt\_M\_lgc$ CmMtrCurr\_CurroffProcessFlag\_M\_enum 3 3 CmMtrCurr\_MtrCurr1OffsetHi\_Volt\_M\_f32 5  $5 \pm 0.0003$ CmMtrCurr\_MtrCurr1OffsetLo\_Volt\_M\_f32 3 ± 0.0003 3  $CmMtrCurr\_MtrCurr1OffsetZero\_Volt\_M\_f32$ 3 ± 0.0003 CmMtrCurr\_MtrCurr1SumHi\_Volt\_M\_f32 1.85141718 1.85141718 ± 0.0003  $CmMtrCurr\_MtrCurr1SumLo\_Volt\_M\_f32$ 41957.3516 41957.3516 ± 0.0003 CmMtrCurr\_MtrCurr1SumZero\_Volt\_M\_f32 18428.4707 18428.4707 ± 0.0003 CmMtrCurr\_MtrCurr2OffsetHi\_Volt\_M\_f32 3 + 0.0003CmMtrCurr\_MtrCurr2OffsetLo\_Volt\_M\_f32 2.39214373 2.39214373 ± 0.0003  $CmMtrCurr\_MtrCurr2OffsetZero\_Volt\_M\_f32$ 2 4301908 2.4301908 ± 0.0003 ソソソソソソ CmMtrCurr\_MtrCurr2SumHi\_Volt\_M\_f32 2.00457311 2.00457311 ± 0.0003  $CmMtrCurr\_MtrCurr2SumLo\_Volt\_M\_f32$ 3 + 0 0003 CmMtrCurr\_MtrCurr2SumZero\_Volt\_M\_f32 143.794998 143.794998 ± 0.0003 CmMtrCurr\_MtrCurrValCmd\_VoltCnt\_M\_f32 6346.29541 6346.29541 ± 0.001 CmMtrCurr\_VecuSum\_Volt\_M\_f32 1067.58496 1067.58496 ± 0.0009765625 tgt\_CmMtrCurr\_Per3\_ComOffset\_Cnt\_u16.value 0 ± 1  $tgt\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32$ 57061.793  $57061.793 \pm 0.004$ tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32 1.75388491 ± 0.0003 1.75388491 1.48521161 ± 0.0003  $tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetLo\_Volts\_f32$ 1.48521161 tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetDiff\_Volts\_f32 3 ± 0.0003 3

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	<b>✓</b>

2.9058547

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
	19-7





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	3000	3000 ± 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	2.56800008	2.56800008 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.69100952	1.69100952 ± 0.0003	<b>✓</b>
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	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.1591742	1.1591742 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.79951966	1.79951966 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.7779721	1.7779721 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	154.925003	154.925003 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	149.294815	149.294815 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	1078.71497	1078.71497 ± 0.0009765625	•
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	64245.7344	64245.7344 ± 0.004	•
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	•
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	-

Test Step Call Trace				<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 2.78 (Repeat Count = 1)	✓
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	3500
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1
CmMtrCurr_CurroffProcessFlag_M_enum	3
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.0455637
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.14313006
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	47839.5703
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	24310.6895
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.03679204
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3.25399995
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	10.2349997
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	1.16161025
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	166.054993
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	27387.8652
CmMtrCurr_VecuSum_Volt_M_f32	1089.84497
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrOffNoofAvg_Cnt_u16	7845
k_MaxCurrOffMtrVel_RadpS_f32	17.7443714
k_MtrCurrEOLMaxOffset_Volts_f32	2.19935322
k_MtrCurrEOLMinOffset_Volts_f32	1.83148623
k_MtrCurrOffLoComOff_Cnt_u16	1200
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	3
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	0.762533665
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	17
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	11.6196957
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.12093002e-008
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	56380.6055
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.21375871



Name	Input Value		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1	_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2	_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_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	3500	3500 ± 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	2.0455637	2.0455637 ± 0.0003	<b>✓</b>

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	~
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	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3.25399995	3.25399995 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	10.2349997	10.2349997 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	1.16161025	1.16161025 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	166.054993	166.054993 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	27387.8652	27387.8652 ± 0.001	~
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>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	<b>✓</b>

Test Step 2.79 (Repeat Count = 1)	l de la companya de
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	4000
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1
CmMtrCurr_CurroffProcessFlag_M_enum	1
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.60292649
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.94488144
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	99.2750015
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	43.625
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	27251.8008
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3.98539996
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	21.3649998
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	1.25156271
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	177.184998
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	54731.1328
CmMtrCurr_VecuSum_Volt_M_f32	1100.97498
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrOffNoofAvg_Cnt_u16	12
k_MaxCurrOffMtrVel_RadpS_f32	14.9630527
k_MtrCurrEOLMaxOffset_Volts_f32	1.57632184
k_MtrCurrEOLMinOffset_Volts_f32	2.46642208
k_MtrCurrOffLoComOff_Cnt_u16	1250
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	2.52696967
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	2.73624921
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	14

CmMtrCurr\_Per3



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

tgt_tte_inst_3a_crimiticuri.Fiin_3ncuricai	tgt_Filli_Siloulioai		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	4000	4000 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.60292649	2.60292649 ± 0.0003	<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	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3.98539996	3.98539996 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	21.3649998	21.3649998 ± 0.0003	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	1.25156271	1.25156271 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	177.184998	177.184998 ± 0.0003	<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	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Test Step 2.80 (Repeat Count = 1)		<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	

CmMtrCurr\_Per3



Name	Input Value		
k_MtrCurrEOLMaxOffset_Volts_f32	2.7003603		
k_MtrCurrEOLMinOffset_Volts_f32	1.04556215		
k_MtrCurrOffLoComOff_Cnt_u16	1300		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	2.51056814		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	2.98966312		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	16		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	7.02365923		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.72093007e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	14487.7334		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.96119714		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.35539818		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.05737138		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1	_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2	_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_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_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 CurrOffTrimElag Cnt M lgc	0	0	_

	1-3-2		
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	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.04547274	1.04547274 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.68251061	2.68251061 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	110.404999	110.404999 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	54.7550011	54.7550011 ± 0.0003	<b>✓</b>
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	<b>✓</b>
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	32.4949989	32.4949989 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	188.315002	188.315002 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	40529.3281	40529.3281 ± 0.001	<b>✓</b>
CmMtrCurr_VecuSum_Volt_M_f32	1112.10498	1112.10498 ± 0.0009765625	<b>✓</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	14487.7334	14487.7334 ± 0.004	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.96119714	2.96119714 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.35539818	2.35539818 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.05737138	1.05737138 ± 0.0003	<b>✓</b>

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

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	

2016-07-24, 13:44:06+0530



CmMtrCurr\_Per3

Name	Input Value		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	199.445007		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	0		
CmMtrCurr_VecuSum_Volt_M_f32	1123.23499		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	45		
k_MaxCurrOffMtrVel_RadpS_f32	9.53334713		
k_MtrCurrEOLMaxOffset_Volts_f32	3		
k_MtrCurrEOLMinOffset_Volts_f32	1.41879892		
k_MtrCurrOffLoComOff_Cnt_u16	1350		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	1.71382546		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	2.45573974		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	9		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	16.8483124		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.52093005e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	8235.15234		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_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

@	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	<b>✓</b>
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>

Test Step Call Trace				<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_Sa_CmMtrCurr_EOLShCurrCal_WriteBlock	1	Rte_Call_Sa_CmMtrCurr_EOLShCurrCal_WriteBlock	1	<b>✓</b>
Rte Call CmMtrCurr Per3 CP1 ChecknointReached	1	Rte Call CmMtrCurr Per3 CP1 ChecknointReached	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

2016-07-24, 13:44:06+0530



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	1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr	2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_0	Cnt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrR	adpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kpt	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	5500	5500 ± 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	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	~
tat Dim ShCurrCal EOI MtrCurrVcalCmd VoltCate f32	90000	90000 + 0 004	-

Test Step Call Trace				<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_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	~

80000

1.5

1.5

1.4000001

1.4000001

80000 ± 0.004 1.5 ± 0.0003

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

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

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

tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetLo\_Volts\_f32

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

2016-07-24, 13:44:06+0530



CmMtrCurr\_Per3

CmMtrCurr_Per3			MACILAB
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 18428.4707		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	221.705002		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 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	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_f		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kp		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid	_Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	6000	6000 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	<b>Y</b>
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	
CmMtrCurr_CurroffProcessFlag_M_enum	2	2	<b>Y</b>
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.9000001	2.9000001 ± 0.0003	<b>~</b>
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.5	1.5 ± 0.0003	<b>V</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.13700366	2.13700366 ± 0.0003	· ·
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	143.794998	143.794998 ± 0.0003	<b>V</b>
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	88.1449966	88.1449966 ± 0.0003	· ·
CmMtrCurr_MtrCurr2Offcettli, Velt 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 CmMtrCurr MtrCurr2SumHi_Volt_M_f32	3 65.8850021	3 ± 0.0003 65.8850021 ± 0.0003	
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 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	$32658.5 \pm 0.001$	.,
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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.4000001	1.39999998 ± 0.0003	~
tot Pim ShCurrCal.EQLMtrCurr2OffsetDiff Volts f32	1.4000001	1.39999998 + 0.0003	<b>✓</b>

1.4000001

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

1.39999998 ± 0.0003



Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_EOLShCurrCal_WriteBlock	1	Rte_Call_Sa_CmMtrCurr_EOLShCurrCal_WriteBlock	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Test Step 2.84 (Repeat Count = 1)			
Name	Input Value		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	6500		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1		
CmMtrCurr_CurroffProcessFlag_M_enum	3		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.19999981		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.0999999		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.804142		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	154.925003		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	99.2750015		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	41957.3516		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.42372727		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.14313006		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	4.52099991		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	33134.0195		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	21369.5801		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	232.835007		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	47836.1094		
CmMtrCurr_VecuSum_Volt_M_f32	1156.625		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	35		
k_MaxCurrOffMtrVel_RadpS_f32	-17.8156967		
k_MtrCurrEOLMaxOffset_Volts_f32	3		
k_MtrCurrEOLMinOffset_Volts_f32	1.65248311		
k_MtrCurrOffLoComOff_Cnt_u16	1500		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	2.77794123		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	3		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	-1111.86194		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	15.2223673		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	149.203644		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	0		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.46345818		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.08953357		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_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		
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		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resul
CmMtrCurr CurrOffAvgCounter Cnt M u16	6500	6500 ± 1	i toodi
	5500	0000 ± 1	

Actual Value	Expected Value	Result
6500	6500 ± 1	~
CURROFF_INTIALISE	CURROFF_INTIALISE	~
0	0	~
3	3	~
4.19999981	4.19999981 ± 0.0003	~
4.0999999	4.0999999 ± 0.0003	~
2.804142	2.804142 ± 0.0003	~
154.925003	154.925003 ± 0.0003	~
99.2750015	99.2750015 ± 0.0003	~
41957.3516	41957.3516 ± 0.0003	•
2.42372727	2.42372727 ± 0.0003	~
2.14313006	2.14313006 ± 0.0003	•
4.52099991	4.52099991 ± 0.0003	~
33134.0195	33134.0195 ± 0.0003	~
21369.5801	21369.5801 ± 0.0003	~
232.835007	232.835007 ± 0.0003	~
47836.1094	47836.1094 ± 0.001	-
1156.625	1156.625 ± 0.0009765625	~
	6500 CURROFF_INTIALISE 0 3 4.19999981 4.0999999 2.804142 154.925003 99.2750015 41957.3516 2.42372727 2.14313006 4.52099991 33134.0195 21369.5801 232.835007 47836.1094	6500 6500 ± 1 CURROFF_INTIALISE 0 0 0 3 4.19999981 4.19999981 ± 0.0003 4.0999999 4.0999999 ± 0.0003 2.804142 2.804142 ± 0.0003 154.925003 154.925003 ± 0.0003 99.2750015 99.2750015 ± 0.0003 41957.3516 41957.3516 ± 0.0003 2.42372727 2.42372727 ± 0.0003 2.14313006 2.14313006 ± 0.0003 4.52099991 4.52099991 ± 0.0003 33134.0195 33134.0195 ± 0.0003 232.835007 232.835007 ± 0.0003 47836.1094 47836.1094 ± 0.001

CmMtrCurr\_Per3



Name	Actual Value	Expected Value	Result
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	0	0 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.46345818	1.46345818 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.08953357	1.08953357 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	~

Test Step Call Trace				<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 2.85 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	7000		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_ZEROAVERAGE		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1		
CmMtrCurr_CurroffProcessFlag_M_enum	2		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.30000019		
CmMtrCurr MtrCurr1OffsetLo Volt M f32	4.19999981		
CmMtrCurr MtrCurr1OffsetZero Volt M f32	2.64458537		
CmMtrCurr MtrCurr1SumHi Volt M f32	166.054993		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	110.404999		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	44898.4609		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.09375167		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.94488144		
CmMtrCurr MtrCurr2OffsetZero Volt M f32	4.0999999		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	36075.1289		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	24310.6895		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	243.964996		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	33845.8906		
CmMtrCurr VecuSum Volt M f32	1167.755		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	45		
k_MaxCurrOffMtrVel_RadpS_f32	4.52163124		
k MtrCurrEOLMaxOffset Volts f32	3		
k MtrCurrEOLMinOffset Volts f32	1.36244023		
k MtrCurrOffLoComOff Cnt u16	569		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	3		
tgt CmMtrCurr Per3 ADCMtrCurr2 Volts f32.value	0.810473204		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	744.84552		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	15.7255764		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	119.040482		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	0		
tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	80000		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.19611669		
tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32	2.60853982		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32	1.43602788		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.57714796		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCur	rr1 Volts f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCur		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_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		
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	7000	7000 ± 1	~
CmMtrCurr CurrOffState UIs M enum	CURROFF INTIALISE	CURROFF INTIALISE	~
CmMtrCurr CurrOffTrimElog Cot M Igo	0	0	

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	7000	7000 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.30000019	4.30000019 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.19999981	4.19999981 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.64458537	2.64458537 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	166.054993	166.054993 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	110.404999	110.404999 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	44898.4609	44898.4609 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.09375167	2.09375167 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.94488144	2.94488144 ± 0.0003	~





Name	Actual Value	Expected Value	Result
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	4.0999999	4.0999999 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	36075.1289	36075.1289 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	24310.6895	24310.6895 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	243.964996	243.964996 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	33845.8906	33845.8906 ± 0.001	•
CmMtrCurr_VecuSum_Volt_M_f32	1167.755	1167.755 ± 0.0009765625	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	•
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	80000	80000 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.19611669	2.19611669 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.60853982	2.60853982 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.43602788	1.43602788 ± 0.0003	•
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.57714796	2.57714796 ± 0.0003	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	<b>✓</b>

Name	Input Value		
CmMtrCurr CurrOffAvgCounter Cnt M u16	6598		
CmMtrCurr CurrOffState Uls M enum	CURROFF CALC		
CmMtrCurr CurrOffTrimFlag Cnt M Igc	0		
CmMtrCurr CurroffProcessFlag M enum	1		
CmMtrCurr MtrCurr1OffsetHi Volt M f32	4.4000001		
CmMtrCurr MtrCurr1OffsetLo Volt M f32	4.30000019		
CmMtrCurr MtrCurr1OffsetZero Volt M f32	2.66018128		
CmMtrCurr MtrCurr1SumHi Volt M f32	177.184998		
CmMtrCurr MtrCurr1SumLo Volt M f32	121.535004		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	47839.5703		
CmMtrCurr MtrCurr2OffsetHi Volt M f32	1.70141518		
CmMtrCurr MtrCurr2OffsetLo Volt M f32	2.68251061		
CmMtrCurr MtrCurr2OffsetZero Volt M f32	4.19999981		
CmMtrCurr MtrCurr2SumHi Volt M f32	39016.2383		
CmMtrCurr MtrCurr2SumLo Volt M f32	27251.8008		
CmMtrCurr MtrCurr2SumZero Volt M f32	255.095001		
CmMtrCurr MtrCurrValCmd VoltCnt M f32	51807.4609		
CmMtrCurr VecuSum Volt M f32	1178.88501		
Rte Inst Sa CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
CurrOffNoofAvg Cnt u16	65		
 :_MaxCurrOffMtrVel_RadpS_f32	0.478582621		
c_MtrCurrEOLMaxOffset_Volts_f32	2.5685184		
MtrCurrEOLMinOffset Volts f32	2.90548134		
MtrCurrOffLoComOff Cnt u16	587		
gt CmMtrCurr Per3 ADCMtrCurr1 Volts f32.value	3		
gt CmMtrCurr Per3 ADCMtrCurr2 Volts f32.value	3		
gt CmMtrCurr Per3 MtrVel MtrRadpS f32.value	811.331848		
gt CmMtrCurr Per3 Vecu Volt f32.value	19.2174759		
gt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	8.20184326		
gt CmMtrCurr Per3 VhSpdValid Cnt Igc.value	0		
gt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	23393.5		
gt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	2.60464764		
gt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
gt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
gt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	3		
gt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr1 Volts f32	tgt CmMtrCurr Per3 ADCMtrCurr1 Volts f	32	
gt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr2 Volts f32	tgt CmMtrCurr Per3 ADCMtrCurr2 Volts 1		
gt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ComOffset Cnt u16	tgt CmMtrCurr Per3 ComOffset Cnt u16	·	
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	2	
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
gt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 VehSpd Kph f32	tgt CmMtrCurr Per3 VehSpd Kph f32		
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		
gt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resu
Taille	Actual Value	Expected value	Resu

<u> </u>	19		
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	~

2016-07-24, 13:44:06+0530



CmMtrCurr\_Per3

Name	Actual Value	Expected Value	Result
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.66018128	2.66018128 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	177.184998	177.184998 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	121.535004	121.535004 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	47839.5703	47839.5703 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.70141518	1.70141518 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.68251061	2.68251061 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	4.19999981	4.19999981 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	39016.2383	39016.2383 ± 0.0003	•
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	27251.8008	27251.8008 ± 0.0003	•
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	255.095001	255.095001 ± 0.0003	•
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	51807.4609	51807.4609 ± 0.001	•
CmMtrCurr_VecuSum_Volt_M_f32	1178.88501	1178.88501 ± 0.0009765625	<b>✓</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	23393.5	23393.5 ± 0.004	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.60464764	2.60464764 ± 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>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~



Test Step 2.87 (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 41957.3516		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr MtrCurr2SumLo Volt M f32	30192.9102		
CmMtrCurr MtrCurr2SumZero Volt M f32	266.225006		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	44949.707		
CmMtrCurr_VecuSum_Volt_M_f32	1190.01501		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	78		
k MaxCurrOffMtrVel RadpS f32	15.8884287		
k_MtrCurrEOLMaxOffset_Volts_f32	2.11091685		
k_MtrCurrEOLMinOffset_Volts_f32	1.32012033		
k_MtrCurrOffLoComOff_Cnt_u16	635		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0.0905168056		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	0.263404131		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	509.234589		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	12.2996988		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	96.7021332		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	0		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	14402.5557		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.94053435		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.38115203	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_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_CmMtrCurr_Per3_VehSpd_Kph_t		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_C		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr CurrOffAvgCounter Cnt M u16	156	156 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	•
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.5	4.5 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.25479984	4.25479984 ± 0.0003	<b>✓</b>
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	<b>~</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	4.30000019	4.30000019 ± 0.0003	<b>Y</b>
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	41957.3516	41957.3516 ± 0.0003	<b>~</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	30192.9102	30192.9102 ± 0.0003	
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	266.225006	266.225006 ± 0.0003	<b>V</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	44949.707	44949.707 ± 0.001	· ·
CmMtrCurr_VecuSum_Volt_M_f32	1190.01501	1190.01501 ± 0.0009765625	.,
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	14402.5557	0 ± 1 14402.5557 ± 0.004	-
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	1	1±0.0003	
tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo_Volts_132	1.94053435	1.94053435 ± 0.0003	
tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32	3	3 ± 0.0003	
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.38115203	1.38115203 ± 0.0003	<b>V</b>
tyt Filli Silouitgai.EOLivitiguitzoiisetbiii Voits 132			



Test Step Call Trace				<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	CURROFF_CALC		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0			
CmMtrCurr_CurroffProcessFlag_M_enum	2			
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.96751535			
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.65889978			
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.08536386			
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	199.445007			
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	143.794998			
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	121.535004			
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.11344814			
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.7515341			
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	4.4000001			
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	121.535004			
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	33134.0195			
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	277.355011			
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	79444.0391			
CmMtrCurr_VecuSum_Volt_M_f32	1201.14502			
Rte Inst Sa CmMtrCurr	tgt Rte Inst Sa CmMtrCurr			
k_CurrOffNoofAvg_Cnt_u16	98			
k_MaxCurrOffMtrVel_RadpS_f32	-1.74571145			
k MtrCurrEOLMaxOffset Volts f32	3			
<pre>MtrCurrEOLMinOffset_Volts_f32</pre>	2.75741673			
MtrCurrOffLoComOff Cnt u16	578			
tgt CmMtrCurr Per3 ADCMtrCurr1 Volts f32.value	2.17344236			
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	0.246088982			
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	-458.121368			
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	20.6917629			
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	35.2481384			
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	0			
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	72285.4297			
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3			
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.72539854			
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.00565732			
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr	1 Volts f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr			
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_f	· <del>-</del>		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VerbSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kp			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VeriSpd_kpri_is2 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc				
	tgt_CmMtrCurr_Per3_VhSpdValid_	_CHL_igc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal	Formation d. M. C.		
Name	Actual Value	Expected Value	Resu	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	324	324 ± 1		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0		
CmMtrCurr_CurroffProcessFlag_M_enum	2	2		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.96751535	1.96751535 ± 0.0003		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.65889978	4.65889978 ± 0.0003		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.08536386	2.08536386 ± 0.0003		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	199.445007	199.445007 ± 0.0003		
014-0 14-01 - V-4-14-14-600	143.794998	143.794998 ± 0.0003		
CMINITICUTT_INTTCUTT1SUMLO_VOIT_M_T32		101 505001 : 0 0000		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	121.535004	121.535004 ± 0.0003		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	121.535004 1.11344814	121.535004 ± 0.0003 1.11344814 ± 0.0003		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32				
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.11344814	1.11344814 ± 0.0003		

121.535004

33134.0195

277.355011

79444.0391

1201.14502

CmMtrCurr\_MtrCurr2SumHi\_Volt\_M\_f32

 $CmMtrCurr\_MtrCurr2SumLo\_Volt\_M\_f32$ 

CmMtrCurr\_VecuSum\_Volt\_M\_f32

CmMtrCurr\_MtrCurr2SumZero\_Volt\_M\_f32

 $CmMtrCurr\_MtrCurrValCmd\_VoltCnt\_M\_f32$ 

121.535004 ± 0.0003

33134.0195 ± 0.0003

277.355011 ± 0.0003

1201.14502 ± 0.0009765625

79444.0391 ± 0.001

CmMtrCurr\_Per3



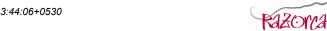
Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	72285.4297	72285.4297 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.72539854	2.72539854 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.00565732	1.00565732 ± 0.0003	<b>✓</b>
tot Dim ShCurrCal EOI MtrCurr2OffootDiff Volta f22	2	3 + 0 0003	

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~	
Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	<b>✓</b>	

Test Step 2.89 (Repeat Count = 1) Name	Input Value			
	852			
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr CurrOffState Uls M enum	CURROFF INTIALISE			
	0	_		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	3			
CmMtrCurr_CurroffProcessFlag_M_enum	3			
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32				
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.21400023			
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.85310507			
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	210.574997			
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	154.925003			
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	132.664993			
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.04485273			
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.13700366			
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	4.5			
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	132.664993			
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	36075.1289			
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	288.484985			
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	29199.0156			
CmMtrCurr_VecuSum_Volt_M_f32	1212.27502			
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr			
k_CurrOffNoofAvg_Cnt_u16	200			
k_MaxCurrOffMtrVel_RadpS_f32	14.0580149			
k_MtrCurrEOLMaxOffset_Volts_f32	3			
k_MtrCurrEOLMinOffset_Volts_f32	2.96438789			
k_MtrCurrOffLoComOff_Cnt_u16	550			
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	3			
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	3			
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	155.577271			
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	10.6618719			
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	167.469498			
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	0			
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	57071.4023			
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.0999999			
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.69777119			
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3			
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts	_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts	s_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u1	3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_t	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	С		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	852	852 ± 1	•	
CmMtrCurr CurrOffState Uls M enum	CURROFF INTIALISE	CURROFF INTIALISE		

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>

CmMtrCurr\_Per3



Name	Actual Value	Expected Value	Result
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	132.664993	132.664993 ± 0.0003	•
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	36075.1289	36075.1289 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	288.484985	288.484985 ± 0.0003	•
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	29199.0156	29199.0156 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	1212.27502	1212.27502 ± 0.0009765625	•
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	•
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	57071.4023	57071.4023 ± 0.004	•
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.0999999	2.0999999 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.69777119	1.69777119 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	•

Test Step Call Trace				<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 2.90 (Repeat Count = 1)	Innut Value		
Name	Input Value		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	789		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0		
CmMtrCurr_CurroffProcessFlag_M_enum	0		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.31556726		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	2.01227355		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	166.054993		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	143.794998		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.53732085		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.804142		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	4.5999999		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	44898.4609		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	39016.2383		
CmMtrCurr MtrCurr2SumZero Volt M f32	299.61499		
CmMtrCurr MtrCurrValCmd VoltCnt M f32	55220.6094		
CmMtrCurr VecuSum Volt M f32	1223.40503		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k CurrOffNoofAvg Cnt u16	240		
k MaxCurrOffMtrVel RadpS f32	13.8804178		
k_MtrCurrEOLMaxOffset_Volts_f32	2.32540631		
k_MtrCurrEOLMinOffset_Volts_f32	2.09939456		
k MtrCurrOffLoComOff Cnt u16	560		
tgt CmMtrCurr Per3 ADCMtrCurr1 Volts f32.value	1.72104454		
tgt CmMtrCurr Per3 ADCMtrCurr2 Volts f32.value	1.51841879		
tgt CmMtrCurr Per3 MtrVel MtrRadpS f32.value	-259.473541		
tgt CmMtrCurr Per3 Vecu Volt f32.value	7.12514019		
tgt CmMtrCurr Per3 VehSpd Kph f32.value	39.2272949		
	1		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value			
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	22414.6309		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.99420547		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtr		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtr		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffs		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_l		
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		
Name	Actual Value	Expected Value	Resu
CmMtrCurr CurrOffAvgCounter Cnt M u16	789	789 ± 1	

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	789	789 ± 1	✓
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	✓
CmMtrCurr_CurroffProcessFlag_M_enum	0	0	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.31556726	1.31556726 ± 0.0003	<b>✓</b>

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	~
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	~
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	22414.6309	22414.6309 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1	1 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.99420547	1.99420547 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	<b>✓</b>

Took Stan 2.04 (Paraget Count = 4)					-0
Test Step 2.91 (Repeat Count = 1)					
Name	Input Value				
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	321				
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_ZEROAVERAGE				
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1				
CmMtrCurr_CurroffProcessFlag_M_enum	3				
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.19999981				
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.59559977				
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.69362235				
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	1.83543706				
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	12546.25				
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	154.925003				
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3				
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.64458537				
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	4.69999981				
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	47839.5703				
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	41957.3516				
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	310.744995				
CmMtrCurr MtrCurrValCmd VoltCnt M f32	6291.93994				
CmMtrCurr_VecuSum_Volt_M_f32	1234.53503				
Rte Inst Sa CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr				
k CurrOffNoofAvg Cnt u16	256				
k_MaxCurrOffMtrVel_RadpS_f32	-17.1000347				
k MtrCurrEOLMaxOffset Volts f32	2.48356295				
k MtrCurrEOLMinOffset Volts f32	1.48911309				
k MtrCurrOffLoComOff Cnt u16	570				
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	2.7117908				
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.85433602				
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	-952.268921				
tgt CmMtrCurr Per3 Vecu Volt f32.value	29.1770477				
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	50.6882782				
tgt CmMtrCurr Per3 VhSpdValid Cnt Igc.value	1				
tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	62277.6992				
	2.35439801				
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3				
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.68871355				
	1.77594244				
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32		Curred Valley fo	2		
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		۷		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffs				
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_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	321		321 ± 1		<b>~</b>





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	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.64458537	2.64458537 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	4.6999981	4.69999981 ± 0.0003	<b>✓</b>
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	~
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	6291.93994	6291.93994 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	1234.53503	1234.53503 ± 0.0009765625	~
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	62277.6992	62277.6992 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.35439801	2.35439801 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.68871355	2.68871355 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.77594244	1.77594244 ± 0.0003	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_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 2.92 (Repeat Count = 1)	✓ • • • • • • • • • • • • • • • • • • •
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	456
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0
CmMtrCurr_CurroffProcessFlag_M_enum	2
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.30000019
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.03742397
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.07563138
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	2.45438623
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	15487.3604
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	166.054993
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.29236197
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.66018128
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.79071116
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	166.054993
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	44898.4609
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.16658521
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	60669.5625
CmMtrCurr_VecuSum_Volt_M_f32	1245.66504
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrOffNoofAvg_Cnt_u16	201
k_MaxCurrOffMtrVel_RadpS_f32	3.81855488
k_MtrCurrEOLMaxOffset_Volts_f32	1.37243581
k_MtrCurrEOLMinOffset_Volts_f32	3
k_MtrCurrOffLoComOff_Cnt_u16	580
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	2.00981569
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	0.478176117
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	-720.601807
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	8.00868893
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	96.1022034
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	0
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	10008.6699
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.0999999
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.74733996
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.06780672
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32





Name	Input Value		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_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	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	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.07563138	2.07563138 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	2.45438623	2.45438623 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	15487.3604	15487.3604 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	166.054993	166.054993 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.29236197	2.29236197 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.66018128	2.66018128 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.79071116	2.79071116 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	166.054993	166.054993 ± 0.0003	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	44898.4609	44898.4609 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.16658521	2.16658521 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	60669.5625	60669.5625 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	1245.66504	1245.66504 ± 0.0009765625	•
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	10008.6699	10008.6699 ± 0.004	•
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.0999999	2.0999999 ± 0.0003	•
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.74733996	2.74733996 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.06780672	2.06780672 ± 0.0003	<b>✓</b>

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

Test Step 2.93 (Repeat Count = 1)	✓
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	987
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1
CmMtrCurr_CurroffProcessFlag_M_enum	3
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.4000001
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.80502975
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	18428.4707
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	177.184998
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.14946866
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.78107488
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	177.184998
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	47839.5703
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.70221376
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	29760.0313
CmMtrCurr_VecuSum_Volt_M_f32	1256.79504
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrOffNoofAvg_Cnt_u16	287
k_MaxCurrOffMtrVel_RadpS_f32	0.81858474
k_MtrCurrEOLMaxOffset_Volts_f32	2.67829013
k_MtrCurrEOLMinOffset_Volts_f32	2.24850631
k_MtrCurrOffLoComOff_Cnt_u16	590
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	2.05495
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	0.461880445
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	134.241531
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	22.614172
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	24.4698029
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	0
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	19855.9141
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.38177371
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3





		,		
Name	Input Value			
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1			
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.12464821	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	2_Volts_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_	Cnt_u16		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrR	adpS_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f	32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kpl	n_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_	_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	987	987 ± 1	~	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	~	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~	
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	~	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.4000001	4.4000001 ± 0.0003	~	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.80502975	1.80502975 ± 0.0003	<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	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	•	
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	~	
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	<b>✓</b>	
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	19855.9141	19855.9141 ± 0.004	<b>✓</b>	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.38177371	1.38177371 ± 0.0003	~	
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	~	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1	1 ± 0.0003	~	
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.12464821	1.12464821 ± 0.0003	~	

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	<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

CmMtrCurr\_Per3



Name	Input Value		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	29.3090153		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	157.538879		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	0		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	26188.6523		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_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_VehSpc	_Kph_f32	
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		
Namo	Actual Value	Expected Value	Pocult

tgt_Rte_inst_sa_cmMtrcurr.Pim_shcurrcal	Igi_Pilli_Shcultcal	tgt_Pim_Shourcal			
Name	Actual Value	Expected Value	Result		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	123	123 ± 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	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	<b>✓</b>		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	21369.5801	21369.5801 ± 0.0003	~		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	188.315002	188.315002 ± 0.0003	~		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.04940093	1.04940093 ± 0.0003	~		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.08536386	2.08536386 ± 0.0003	•		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.70995927	2.70995927 ± 0.0003	~		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	188.315002	188.315002 ± 0.0003	•		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	154.925003	154.925003 ± 0.0003	~		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.48992085	1.48992085 ± 0.0003	<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	~		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	26188.6523	26188.6523 ± 0.004	•		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	~		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	~		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	~		

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Test Step 2.95 (Repeat Count = 1)		<b>✓</b>
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	

CmMtrCurr\_Per3



Name	Input Value		
11000	2.6005137		
k_MtrCurrEOLMaxOffset_Volts_f32			
k_MtrCurrEOLMinOffset_Volts_f32	1.91483116		
k_MtrCurrOffLoComOff_Cnt_u16	610		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	1.4138906		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	0.192475557		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	-1036.52832		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	11.2531099		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	179.816025		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	0		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	74569.2109		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.8537457		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.0999999		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.95220804		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f3	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f3	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	654	654 ± 1	~

	3		
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_lgc	0	0	~
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	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1	1 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	24310.6895	24310.6895 ± 0.0003	<b>✓</b>
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	<b>✓</b>
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	<b>✓</b>
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.7490567	1.7490567 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	27630.3457	27630.3457 ± 0.001	<b>✓</b>
CmMtrCurr_VecuSum_Volt_M_f32	1279.05505	1279.05505 ± 0.0009765625	<b>✓</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	74569.2109	74569.2109 ± 0.004	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.8537457	2.8537457 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.0999999	2.0999999 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.95220804	1.95220804 ± 0.0003	<b>✓</b>

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	<b>✓</b>

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	

CmMtrCurr\_Per3

2016-07-24, 13:44:06+0530



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 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 tç

Namo	Actual Value	Ev
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.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_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_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_f3	32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f3	12

·	0 = =		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	789	789 ± 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	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.89549541	2.89549541 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2	2 ± 0.0003	<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	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.78107488	1.78107488 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.88888454	2.88888454 ± 0.0003	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	177.184998	177.184998 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.07448936	2.07448936 ± 0.0003	<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	<b>✓</b>
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	1	1 ± 0.0003	<b>✓</b>

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	•

Test Step 2.97 (Repeat Count = 1)	<b>✓</b>	
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	

2016-07-24, 13:44:06+0530



CmMtrCurr\_Per3 Input Value CmMtrCurr\_MtrCurr1SumZero\_Volt\_M\_f32 3 CmMtrCurr\_MtrCurr2OffsetHi\_Volt\_M\_f32 2.69362235 CmMtrCurr\_MtrCurr2OffsetLo\_Volt\_M\_f32 CmMtrCurr\_MtrCurr2OffsetZero\_Volt\_M\_f32 3.32500005 2.51541853 CmMtrCurr\_MtrCurr2SumHi\_Volt\_M\_f32  $CmMtrCurr\_MtrCurr2SumLo\_Volt\_M\_f32$ 188.315002 CmMtrCurr\_MtrCurr2SumZero\_Volt\_M\_f32 48405 0742  $CmMtrCurr\_MtrCurrValCmd\_VoltCnt\_M\_f32$ CmMtrCurr\_VecuSum\_Volt\_M\_f32 1301.31494 Rte\_Inst\_Sa\_CmMtrCurr tgt\_Rte\_Inst\_Sa\_CmMtrCurr k\_CurrOffNoofAvg\_Cnt\_u16 k\_MaxCurrOffMtrVel\_RadpS\_f32 -14 1836586 k\_MtrCurrEOLMaxOffset\_Volts\_f32 1.92762423 k MtrCurrEOLMinOffset\_Volts\_f32 1 8978399 k\_MtrCurrOffLoComOff\_Cnt\_u16 630 1.07892632 tgt\_CmMtrCurr\_Per3\_ADCMtrCurr1\_Volts\_f32.value  $tgt\_CmMtrCurr\_Per3\_ADCMtrCurr2\_Volts\_f32.value$ 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 55517.6172 tgt\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32  $tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32$ 2.69640589 tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetLo\_Volts\_f32 2.25554037  $tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetDiff\_Volts\_f32$ 2.41780448  $tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetDiff\_Volts\_f32$ tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ADCMtrCurr1\_Volts\_f32 tgt\_CmMtrCurr\_Per3\_ADCMtrCurr1\_Volts\_f32  $tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ADCMtrCurr2\_Volts\_f32$ tgt\_CmMtrCurr\_Per3\_ADCMtrCurr2\_Volts\_f32 tgt\_CmMtrCurr\_Per3\_ComOffset\_Cnt\_u16 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ComOffset\_Cnt\_u16 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_MtrVel\_MtrRadpS\_f32 tgt\_CmMtrCurr\_Per3\_MtrVel\_MtrRadpS\_f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_Vecu\_Volt\_f32 tgt\_CmMtrCurr\_Per3\_Vecu\_Volt\_f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_VehSpd\_Kph\_f32 tgt\_CmMtrCurr\_Per3\_VehSpd\_Kph\_f32 tgt CmMtrCurr Per3 VhSpdValid Cnt Igc tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_VhSpdValid\_Cnt\_lgc tgt\_Rte\_Inst\_Sa\_CmMtrCurr.Pim\_ShCurrCal tgt\_Pim\_ShCurrCal

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	258	258 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_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	<b>✓</b>
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	48405.0742	48405.0742 ± 0.001	<b>✓</b>
CmMtrCurr_VecuSum_Volt_M_f32	1301.31494	1301.31494 ± 0.0009765625	<b>✓</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~
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>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Test Step 2.98 (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

CmMtrCurr\_Per3

2016-07-24, 13:44:06+0530



 Name
 Input Value

 CmMtrCurr\_CurroffProcessFlag\_M\_enum
 2

 CmMtrCurr\_MtrCurr1OffsetHi\_Volt\_M\_f32
 1.54913402

 CmMtrCurr\_MtrCurr1OffsetLo\_Volt\_M\_f32
 1.94442797

 CmMtrCurr\_MtrCurr1OffsetZero\_Volt\_M\_f32
 1

 CmMtrCurr\_MtrCurr1SumHi\_Volt\_M\_f32
 3

 CmMtrCurr\_MtrCurr1SumLo\_Volt\_M\_f32
 33134.0195

 CmMtrCurr\_MtrCurr1SumZero\_Volt\_M\_f32
 3

0.222373962

2.24403715

-314.374207

16.912838

86.0272217

61646.7266

1.27882886

 CmMtrCurr\_MtrCurr2OffsetHi\_Volt\_M\_f32
 2.62846303

 CmMtrCurr\_MtrCurr2OffsetLo\_Volt\_M\_f32
 2.07563138

 CmMtrCurr\_MtrCurr2OffsetZero\_Volt\_M\_f32
 2.06366134

 CmMtrCurr\_MtrCurr2SumHi\_Volt\_M\_f32
 1.73499858

 CmMtrCurr\_MtrCurr2SumLo\_Volt\_M\_f32
 3

 CmMtrCurr\_MtrCurr2SumZero\_Volt\_M\_f32
 3

 CmMtrCurr\_MtrCurrValCmd\_VoltCnt\_M\_f32
 74986.2109

 CmMtrCurr\_VecuSum\_Volt\_M\_f32
 7.39995432

 Rte\_Inst\_Sa\_CmMtrCurr
 tgt\_Rte\_Inst\_Sa\_CmMtrCurr

 k\_CurrOffNoofAvg\_Cnt\_u16
 852

 k\_MaxCurrOffMtrVel\_RadpS\_f32
 7.57663059

 k\_MtrCurrEOLMaxOffset\_Volts\_f32
 3

 k\_MtrCurrEOLMinOffset\_Volts\_f32
 3

 k\_MtrCurrOffLoComOff\_Cnt\_u16
 640

tgt\_CmMtrCurr\_Per3\_ADCMtrCurr1\_Volts\_f32.value
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\_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.EOLMtrCurr1OffsetDiff\_Volts\_f32 tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetDiff\_Volts\_f32

tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ADCMtrCurr1\_Volts\_f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ADCMtrCurr2\_Volts\_f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ComOffset\_Cnt\_u16

tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ComOffset\_Cnt\_u16
tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_MtrVel\_MtrRadpS\_f32
tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_Vecu\_Volt\_f32

tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_VehSpd\_Kph\_f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_VhSpdValid\_Cnt\_Igc tgt\_Rte\_Inst\_Sa\_CmMtrCurr.Pim\_ShCurrCal 1.48694754
2.0999999
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

tgt_Rte_inst_5a_cmivitrcurr.Pim_5ncurrcar	Igi_Piiii_Siicuircai		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	963	963 ± 1	✓
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	✓
CmMtrCurr_CurroffProcessFlag_M_enum	2	2	•
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.54913402	1.54913402 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.94442797	1.94442797 ± 0.0003	•
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1	1 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	33134.0195	33134.0195 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.62846303	2.62846303 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.07563138	2.07563138 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.06366134	2.06366134 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.73499858	1.73499858 ± 0.0003	•
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3	3 ± 0.0003	•
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	74986.2109	74986.2109 ± 0.001	✓
CmMtrCurr_VecuSum_Volt_M_f32	7.39995432	7.39995432 ± 0.0009765625	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	✓
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	61646.7266	61646.7266 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.27882886	1.27882886 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.48694754	1.48694754 ± 0.0003	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	<b>✓</b>

2.0999999

tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32

2.0999999 ± 0.0003





Test Step 2.99 (Repeat Count = 1)			~
Name	Input Value		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	63		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1		
CmMtrCurr_CurroffProcessFlag_M_enum	3		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.5999999		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.5999999		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	0		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.98567462		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	43.625		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.57437587		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.4000001		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.31556726		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	16.249506		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	88.1449966		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.23846722		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	25603.0664		
CmMtrCurr_VecuSum_Volt_M_f32	633.515015		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	1		
k_MaxCurrOffMtrVel_RadpS_f32	9.50732899		
k_MtrCurrEOLMaxOffset_Volts_f32	2.87722993		
k_MtrCurrEOLMinOffset_Volts_f32	3		
k_MtrCurrOffLoComOff_Cnt_u16	555		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	3		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.91991305		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	9		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	11.3727503		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.32093003e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	6889.93945		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.373541		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.74678731		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.2081331		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.52772772	Valle 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_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_t		
tgt Rte Inst Sa CmMtrCurr.Pim ShCurrCal	tgt_Pim_ShCurrCal	ont_ige	
Name	Actual Value	Expected Value	Result
CmMtrCurr CurrOffAvgCounter Cnt M u16	64	64 ± 1	Result
CmMtrCurr CurrOffState Uls M enum	CURROFF HIAVERAGE	CURROFF HIAVERAGE	•
CmMtrCurr CurrOffTrimFlag Cnt M Igc	1	1	
CmMtrCurr CurroffProcessFlag M enum	1	1	•
CmMtrCurr MtrCurr1OffsetHi Volt M f32	3	3 ± 0.0003	
CmMtrCurr MtrCurr1OffsetLo Volt M f32	4.5999999	4.5999999 ± 0.0003	
	4.0000000	4.399999 I 0.0003	•
I MINITE HE MITCHEST MEST AND VOIL M 132	4 5000000	4 5000000 + 0 0003	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.5999999	4.5999999 ± 0.0003	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3	3 ± 0.0003	•
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3 2.98567462	3 ± 0.0003 2.98567462 ± 0.0003	•
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	3 2.98567462 43.625	3 ± 0.0003 2.98567462 ± 0.0003 43.625 ± 0.0003	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3 2.98567462 43.625 1.57437587	3 ± 0.0003 2.98567462 ± 0.0003 43.625 ± 0.0003 1.57437587 ± 0.0003	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3 2.98567462 43.625 1.57437587 4.4000001	$3 \pm 0.0003$ $2.98567462 \pm 0.0003$ $43.625 \pm 0.0003$ $1.57437587 \pm 0.0003$ $4.4000001 \pm 0.0003$	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3 2.98567462 43.625 1.57437587 4.400001 1.31556726	$3 \pm 0.0003$ $2.98567462 \pm 0.0003$ $43.625 \pm 0.0003$ $1.57437587 \pm 0.0003$ $4.4000001 \pm 0.0003$ $1.31556726 \pm 0.0003$	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	3 2.98567462 43.625 1.57437587 4.400001 1.31556726 18.1694183	$3 \pm 0.0003$ $2.98567462 \pm 0.0003$ $43.625 \pm 0.0003$ $1.57437587 \pm 0.0003$ $4.4000001 \pm 0.0003$ $1.31556726 \pm 0.0003$ $18.1694202 \pm 0.0003$	0
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	3 2.98567462 43.625 1.57437587 4.400001 1.31556726 18.1694183 88.1449966	$3 \pm 0.0003$ $2.98567462 \pm 0.0003$ $43.625 \pm 0.0003$ $1.57437587 \pm 0.0003$ $4.4000001 \pm 0.0003$ $1.31556726 \pm 0.0003$ $18.1694202 \pm 0.0003$ $88.1449966 \pm 0.0003$	0
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	3 2.98567462 43.625 1.57437587 4.400001 1.31556726 18.1694183 88.1449966 2.23846722	$3 \pm 0.0003$ $2.98567462 \pm 0.0003$ $43.625 \pm 0.0003$ $1.57437587 \pm 0.0003$ $4.4000001 \pm 0.0003$ $1.31556726 \pm 0.0003$ $18.1694202 \pm 0.0003$ $88.1449966 \pm 0.0003$ $2.23846722 \pm 0.0003$	0
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 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	3 2.98567462 43.625 1.57437587 4.400001 1.31556726 18.1694183 88.1449966 2.23846722 25603.0664	$3 \pm 0.0003$ $2.98567462 \pm 0.0003$ $43.625 \pm 0.0003$ $1.57437587 \pm 0.0003$ $4.4000001 \pm 0.0003$ $1.31556726 \pm 0.0003$ $18.1694202 \pm 0.0003$ $88.1449966 \pm 0.0003$ $2.23846722 \pm 0.0003$	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32 CmMtrCurr_VecuSum_Volt_M_f32	3 2.98567462 43.625 1.57437587 4.400001 1.31556726 18.1694183 88.1449966 2.23846722 25603.0664 644.887756	$3 \pm 0.0003$ $2.98567462 \pm 0.0003$ $43.625 \pm 0.0003$ $1.57437587 \pm 0.0003$ $4.4000001 \pm 0.0003$ $1.31556726 \pm 0.0003$ $18.1694202 \pm 0.0003$ $88.1449966 \pm 0.0003$ $2.23846722 \pm 0.0003$ $25603.0664 \pm 0.001$ $644.887756 \pm 0.0009765625$	0
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_MtrCurrSumZero_Volt_M_f32 CmMtrCurr_VecuSum_Volt_M_f32 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	3 2.98567462 43.625 1.57437587 4.400001 1.31556726 18.1694183 88.1449966 2.23846722 25603.0664	$3 \pm 0.0003$ $2.98567462 \pm 0.0003$ $43.625 \pm 0.0003$ $1.57437587 \pm 0.0003$ $4.4000001 \pm 0.0003$ $1.31556726 \pm 0.0003$ $18.1694202 \pm 0.0003$ $88.1449966 \pm 0.0003$ $2.23846722 \pm 0.0003$ $25603.0664 \pm 0.001$ $644.887756 \pm 0.0009765625$ $4000 \pm 1$	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 tmMtrCurr_VecuSum_Volt_M_f32 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	3 2.98567462 43.625 1.57437587 4.400001 1.31556726 18.1694183 88.1449966 2.23846722 25603.0664 644.887756 4000	$3 \pm 0.0003$ $2.98567462 \pm 0.0003$ $43.625 \pm 0.0003$ $1.57437587 \pm 0.0003$ $4.4000001 \pm 0.0003$ $1.31556726 \pm 0.0003$ $18.1694202 \pm 0.0003$ $88.1449966 \pm 0.0003$ $2.23846722 \pm 0.0003$ $25603.0664 \pm 0.001$ $644.887756 \pm 0.0009765625$ $4000 \pm 1$ $6889.93945 \pm 0.004$	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_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 tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3 2.98567462 43.625 1.57437587 4.400001 1.31556726 18.1694183 88.1449966 2.23846722 25603.0664 644.887756 4000 6889.93945	$3 \pm 0.0003$ $2.98567462 \pm 0.0003$ $43.625 \pm 0.0003$ $1.57437587 \pm 0.0003$ $4.4000001 \pm 0.0003$ $1.31556726 \pm 0.0003$ $18.1694202 \pm 0.0003$ $88.1449966 \pm 0.0003$ $2.23846722 \pm 0.0003$ $25603.0664 \pm 0.001$ $644.887756 \pm 0.0009765625$ $4000 \pm 1$ $6889.93945 \pm 0.004$ $1.373541 \pm 0.0003$	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 tmMtrCurr_VecuSum_Volt_M_f32 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	3 2.98567462 43.625 1.57437587 4.400001 1.31556726 18.1694183 88.1449966 2.23846722 25603.0664 644.887756 4000 6889.93945 1.373541	$3 \pm 0.0003$ $2.98567462 \pm 0.0003$ $43.625 \pm 0.0003$ $1.57437587 \pm 0.0003$ $4.4000001 \pm 0.0003$ $1.31556726 \pm 0.0003$ $18.1694202 \pm 0.0003$ $88.1449966 \pm 0.0003$ $2.23846722 \pm 0.0003$ $25603.0664 \pm 0.001$ $644.887756 \pm 0.0009765625$ $4000 \pm 1$ $6889.93945 \pm 0.004$	



Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	<b>✓</b>

Test Step 2.100 (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	2.18156958		
CmMtrCurr MtrCurr1OffsetLo Volt M f32	4.6999981		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.6999981		
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	5.76168537		
k_MaxCurrOffMtrVel_RadpS_f32			
k_MtrCurrEOLMaxOffset_Volts_f32	3 70517926		
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		
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_	<del>-</del>	
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_f		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kp		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_	_Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	64	64 ± 1	<b>✓</b>
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE	<b>✓</b>
CmMtrCurr CurrOffTrimFlag Cnt M lgc	1	1	~

igi_nte_inst_3a_crimiticum.rim_3ncumcar	tgt_Filit_Silouitoai		
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	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.18156958	2.18156958 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.69999981	4.69999981 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.69999981	4.69999981 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	320	320 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	54.7550011	54.7550011 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.5	4.5 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.69362235	2.69362235 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	9.20087242	9.20087242 ± 0.0003	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	99.2750015	99.2750015 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	143.794998	143.794998 ± 0.0003	~
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	52238.7539	52238.7539 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	673.361389	673.361389 ± 0.0009765625	~
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	4000	4000 ± 1	~



CmMtrCurr_P	er3

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	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	•

Test Step 2.101 (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_MtrRadpS_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_Igc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	64	64 ± 1	<b>✓</b>

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	<b>✓</b>
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	257.990479	257.990448 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.9184866	2.9184866 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	65.8850021	65.8850021 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.0520041	2.0520041 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.5999999	4.5999999 ± 0.0003	<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	•
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	<b>✓</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	4000	4000 ± 1	•
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	36079.5391	36079.5391 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.96690226	2.96690226 ± 0.0003	•
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.88593364	2.88593364 ± 0.0003	•
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	~

Test Step Call Trace				<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	~

Name	Input Value		
CmMtrCurr CurrOffAvgCounter Cnt M u16	63		
CmMtrCurr CurrOffState UIs M enum	CURROFF HIAVERAGE		
CmMtrCurr CurrOffTrimFlag Cnt M lgc	1		
CmMtrCurr CurroffProcessFlag M enum	3		
CmMtrCurr MtrCurr1OffsetHi Volt M f32	3		
CmMtrCurr MtrCurr1OffsetLo Volt M f32	4.5999999		
CmMtrCurr MtrCurr1OffsetZero Volt M f32	4.5999999		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	0		
CmMtrCurr MtrCurr1SumLo Volt M f32	2.98567462		
CmMtrCurr MtrCurr1SumZero Volt M f32	43.625		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.57437587		
CmMtrCurr MtrCurr2OffsetLo Volt M f32	4.4000001		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.31556726		
CmMtrCurr MtrCurr2SumHi Volt M f32	16.249506		
CmMtrCurr MtrCurr2SumLo Volt M f32	88.1449966		
CmMtrCurr MtrCurr2SumZero Volt M f32	2.23846722		
CmMtrCurr MtrCurrValCmd VoltCnt M f32	25603.0664		
CmMtrCurr_VecuSum_Volt_M_f32	633.515015		
Rte Inst Sa CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
CurrOffNoofAvg Cnt u16	64		
k MaxCurrOffMtrVel RadpS f32	9.50732899		
k_MtrCurrEOLMaxOffset_Volts_f32	2.87722993		
k MtrCurrEOLMinOffset Volts f32	3		
k MtrCurrOffLoComOff Cnt u16	500		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	3		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.91991305		
tgt CmMtrCurr Per3 MtrVel MtrRadpS f32.value	9		
tgt CmMtrCurr Per3 Vecu Volt f32.value	11.3727503		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.32093003e-008		
tgt CmMtrCurr Per3 VhSpdValid Cnt Igc.value	1		
tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	6889.93945		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	1.373541		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.74678731		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32	1.2081331		
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	1.52772772		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt CmMtrCurr Per3 ADCMtrCurr1 Volts f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ComOffset Cnt u16	tgt CmMtrCurr Per3 ComOffset Cnt u16		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 VhSpdValid Cnt Igc	tgt CmMtrCurr Per3 VhSpdValid Cnt Igc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resu
CmMtrCurr CurrOffAvaCounter Cnt M u16	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	<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	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	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	0.283897161	0.283897191 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.4000001	4.4000001 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.31556726	1.31556726 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	18.1694183	18.1694202 ± 0.0003	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	88.1449966	88.1449966 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.23846722	2.23846722 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	35267.3008	35267.3008 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	644.887756	644.887756 ± 0.0009765625	~
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	500	500 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	6889.93945	6889.93945 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.373541	1.373541 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.74678731	2.74678731 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.2081331	1.2081331 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.52772772	1.52772772 ± 0.0003	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	<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_ADCMtrCurr2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16		tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	0	0 ± 1	✓





Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_LOAVERAGE	CURROFF_LOAVERAGE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	5	5 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.69999981	4.69999981 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.69999981	4.69999981 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	320	320 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	54.7550011	54.7550011 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	0.143763632	0.143763632 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.5	4.5 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.69362235	2.69362235 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	9.20087242	9.20087242 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	99.2750015	99.2750015 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	143.794998	143.794998 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	26303.1797	26303.1797 ± 0.001	<b>✓</b>
CmMtrCurr_VecuSum_Volt_M_f32	673.361389	673.361389 ± 0.0009765625	<b>✓</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	1500	1500 ± 1	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	18718.8105	18718.8105 ± 0.004	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.61436653	2.61436653 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.75549197	2.75549197 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.20556092	1.20556092 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.91193855	1.91193855 ± 0.0003	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	<b>✓</b>

Name	Test Step 2.104 (Repeat Count = 1)	<b>✓</b>
CmMRCur_CurrOffAsgbounter_Cnt_M_u16         63           CmMRCur_CurrOffState_Uis_M_enum         CURROFF_HIAVERAGE           CmMCur_LurrOffTroffEsate_Uis_M_enum         3           CmMCur_CurrOffFroressFlag_M_enum         3           CmMCur_MicrOffSethLo_Vid_M_122         2478948589           CmMRCur_MicrOffSethLo_Vid_M_132         279071116           CmMrCur_MicrOffSethLo_Vid_M_132         275071116           CmMrCur_MicrOffSethLo_Vid_M_132         255210007           CmMrCur_MicroffSethLo_Vid_M_132         255210007           CmMrCur_MicroffSethLo_Vid_M_132         29184866           CmMrCur_MicroffSethLo_Vid_M_132         29184866           CmMrCur_MicroffSethLo_Vid_M_132         20520041           CmMrCur_MicroffSethLo_Vid_M_132         20520041           CmMrCur_MicroffSethLo_Vid_M_132         207569318           CmMrCur_MicroffSethLo_Vid_M_132         307622643           CmMrCur_MicroffSethLo_Vid_M_132         307622643           CmMrCur_MicroffSethLo_Vid_M_132         307622643           CmMrCur_MicroffSethLo_Vid_M_132         305463008           CmMrCur_MicroffSethLo_Vid_M_132         305463008           CmMrCur_MicroffSethLo_Vid_M_132         305463008           CmMrCur_MicroffSethLo_Vid_M_132         125           CmmrCur_MicroffSethLo_Vid_M_132		Input Value
CmMirCurr, CurrOffState_Uis_M_enum CMMCur_CurrOffTrinFlag_Crt_M_lgc CmMirCurr_MirCurrOffSeesFlag_M_enum 3 CmMirCurr_MirCurrOffSeesFlag_M_enum 3 CmMirCurr_MirCurrOffSeeLze_Volt_M_l32 2.79971116 CmMirCurr_MirCurrOffSeeLze_Volt_M_l32 2.79971116 CmMirCurr_MirCurrOffSeeLze_Volt_M_l32 2.79971116 CmMirCurr_MirCurrOffSeeLze_Volt_M_l32 2.79971116 CmMirCurr_MirCurrOffSeeLze_Volt_M_l32 2.79971116 CmMirCurr_MirCurrSumLo_Volt_M_l32 2.7999999 CmMirCurr_MirCurr_Volt_M_l32 2.7999999 CmMirCurr_MirCurr_Volt_M_l32 2.7999999 CmMirCurr_MirCurr_Volt_M_l32 2.7999999 CmMirCurr_MirCurr_Volt_M_l32 2.7999999 CmMirCurr_Volt_M_l32 2.7999999 CmMirCurr_Vol		·
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc		
CmMtrCurr, CurroffProcessFlag, M. enum         3           CmMtrCurr, MitCurr (Dristelt, Volt, M. f32         2.47994859           CmMtrCurr, MitCurr (Orstelt, Volt, M. f32         2.79071116           CmMtrCurr, MitCurrl SumHu, Volt, M. f32         2.55210007           CmMtrCurr, MitCurrl SumHu, Volt, M. f32         2.9184866           CmMtrCurr, MitCurrl SumHu, Volt, M. f32         2.9184866           CmMtrCurr, MitCurr SumLo, Volt, M. f32         2.0520041           CmMtrCurr, MitCurr (20ffsette, Volt, M. f32         2.0520041           CmMtrCurr, MitCurr (20ffsette, Volt, M. f32         4.5999999           CmMtrCurr, MitCurr (20ffsette, Volt, M. f32         3.07622843           CmMtrCurr, MitCurr (20ffsette, Volt, M. f32         110.404999           CmMtrCurr, MitCurr (25umLo, Volt, M. f32         154.925003           CmMtrCurr, MitCurr (25umLo, Volt, M. f32         154.925003           CmMtrCurr, MitCurr (25umLo, Volt, M. f32         122           CmMtrCurr, MitCurr (25umLo, Volt, M. f32         122           CmMtrCurr, MitCurr (25umLo, Volt, M. f32         122           CmMtrCurr, Vecusium, Volt, M. f32         122           CmMtrCurr, Vecusium, Volt, M. f32         122           K, Linck, J. S.		_
CmMtrCurr_MtrCurr10ffselt-ii_Volt_M_f32         2,47964859           CmMtrCurr_MtrCurr10ffselte_0_Volt_M_f32         2,79071116           CmMtrCurr_MtrCurr1SumHL_Volt_M_f32         2,79071116           CmMtrCurr_MtrCurr1SumHL_Volt_M_f32         255,210007           CmMtrCurr_MtrCurrSumZer_Volt_M_f32         255,210007           CmMtrCurr_MtrCurr20ffselt_Volt_M_f32         65,8850021           CmMtrCurr_MtrCurr20ffselt_Volt_M_f32         2,0520041           CmMtrCurr_MtrCurr20ffselt_Volt_M_f32         4,5999999           CmMtrCurr_MtrCurr20ffselt_Volt_M_f32         2,07553138           CmMtrCurr_MtrCurr20ffselt_Volt_M_f32         30,7622843           CmMtrCurr_MtrCurr2SumL_volt_M_f32         110,404999           CmMtrCurr_MtrCurr2SumL_volt_M_f32         154,925003           CmMtrCurr_MtrCurr2SumL_volt_M_f32         36546,3008           CmMtrCurr_MtrCurr2SumL_volt_M_f32         122           Rie_Inst_Sa_CmMtrCurr         Igt_Rie_Inst_Sa_CmMtrCurr           K_CurrOffMoofway_Cnt_u16         64           K_MacCurrOffMoofway_Cnt_u16         64           K_MtrCurrEOLMinOffset_Volts_f32         1,23255312           K_MtrCurrEOLMinOffset_Volts_f32         1,23255312           K_MtrCurrEOLMinOffset_Volts_f32         2,78046203           Igt_CmMtrCurr_Per3_ADCMtrCurr_Volts_f32 value         15     <		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_132         2,79071116           CmMtrCurr_MtrCurr1OffsetZero_Volt_M_132         2,79071116           CmMtrCurr_MtrCurr1SumLo_Volt_M_132         255,210007           CmMtrCurr_MtrCurr1SumLo_Volt_M_132         2,9184866           CmMtrCurr_MtrCurr2OffsetH_Volt_M_132         65,8850021           CmMtrCurr_MtrCurr2OffsetH_Volt_M_132         2,0520041           CmMtrCurr_MtrCurr2OffsetH_Volt_M_132         2,0520041           CmMtrCurr_MtrCurr2OffsetH_Volt_M_132         2,07563138           CmMtrCurr_MtrCurr2SumHi_Volt_M_132         30,7622843           CmMtrCurr_MtrCurr2SumHi_Volt_M_132         110,40999           CmMtrCurr_MtrCurr2SumLov_Volt_M_132         110,40999           CmMtrCurr_MtrCurrSumZero_Volt_M_132         36546.3008           CmMtrCurr_MtrCurr4Und_VoltCnt_M_132         36546.3008           CmMtrCurr_VecuSum_Volt_M_132         122           Re_Inst_Sa_CmMtrCurr         tg_Rele_Inst_Sa_CmMtrCurr           K_CurrOffsool/Ng_Cnt_U16         64           K_DurrCoffsool/Ng_Cnt_U16         64           K_MtrCurrEoLMnOffset_Volts_f32         2,96421409           K_MtrCurrEoLMnOffset_Volts_f32         1,32255312           K_MtrCurrEoLMnOffset_Volts_f32         1,3225312           K_MtrCurr_Per3_ADCMtrCurr_Volts_f32.value         15		
CmMtrCurr_MtrCurr!OffsetZero_Voit_M_132         2.79071116           CmMtrCurr_MtrCurr!SumL_Voit_M_132         2.9184868           CmMtrCurr_MtrCurr_SumL_Voit_M_132         2.9184868           CmMtrCurr_MtrCurr_SumLov_Voit_M_132         65.8850021           CmMtrCurr_MtrCurr_OffsetLo_Voit_M_132         2.0520041           CmMtrCurr_MtrCurr_OffsetLo_Voit_M_132         4.5999999           CmMtrCurr_MtrCurr_OffsetZero_Voit_M_132         2.075803138           CmMtrCurr_MtrCurr_SsumLo_Voit_M_132         3.07622843           CmMtrCurr_MtrCurr_SsumLo_Voit_M_132         110.404999           CmMtrCurr_MtrCurr_SsumLo_Voit_M_132         154.925003           CmMtrCurr_MtrCurr_SsumLo_Voit_M_132         154.925003           CmMtrCurr_MtrCurr_ValCmd_Voit_Cnt_M_132         122           CmMtrCurr_MtrCurr_ValCmd_Voit_N_142         122           Telsts_Sa_CmMtrCurr         Igsts_CmMtrCurr           K_UrrofftnoOffsq_Voitu16         64           K_UrrofftnoOffsq_Voitsts_2         2.96421409           K_MtrCurr_Coll.MooffsetVoitsf32         1.32255312           K_MtrCurr_Coll.MooffsetVoitsf32         1.32255312           K_MtrCurr_Coll.MooffsetVoitsf32 value         1.5           IgtcmMtrCurrPer3_ADCMtrCurrVoitsf32 value         1.5           IgtcmMtrCurrPer3_Veits_Aptfs_2 value		
CmMtrCurr MtrCurr1SumHi, Volt, M, 132		
CmMtrCurr SumLo_Volt_M_132         2.9184866           CmMtrCurr_MtrCurr_Struzzero_Volt_M_132         55.8850021           CmMtrCurr_MtrCurr2Offsett_Volt_M_132         2.0520041           CmMtrCurr_MtrCurr2Offsett_O_Volt_M_132         4.5999999           CmMtrCurr_MtrCurr2Offsett_O_Volt_M_132         2.075653138           CmMtrCurr_MtrCurr2SumLo_Volt_M_132         30.7622843           CmMtrCurr_MtrCurr2SumLo_Volt_M_132         110.404999           CmMtrCurr_MtrCurr2SumLo_Volt_M_132         154.925003           CmMtrCurr_MtrCurrYalCmd_Volt_M_132         36546.3008           CmMtrCurr_MtrCurrYalCmd_Volt_M_132         122           Rte_Inst_Sa_CmMtrCurr         tgt_Rte_Inst_Sa_CmMtrCurr           k_ CurrOffhoolAvg_Cnt_u16         64           k_ MaxCurrOfftutVel_RadpS_132         15.5996773           k_ MtrCurrEOLMnOffset_Volts_132         2.96421409           k_ MtrCurrCoLMnOffset_Volts_612         1.23255312           k_ MtrCurrCoLMnOffset_Volts_612         2.96421409           k_ MtrCurrCoLMnOffset_Volts_612         2.96421409           k_ MtrCurrCoLMnOffset_Volts_612         3           tgt_CmMtrCurr_Per3_ADCMtrCurr_Volts_612.value         3           tgt_CmMtrCurr_Per3_ADCMtrCurr_Volts_612.value         15           tgt_CmMtrCurr_Per3_Volts_61_Kpt_fs_2.value         1		
CmMtrCurr_MtrCurrSimZero_Volt_M_f32         65.8850021           CmMtrCurr_MtrCurrSisetH_Volt_M_f32         2.0520041           CmMtrCurr_MtrCurrSisetH_Volt_M_f32         4.59999999           CmMtrCurr_MtrCurr2OffseteZero_Volt_M_f32         2.07563138           CmMtrCurr_MtrCurr2SumH_Volt_M_f32         30.7622643           CmMtrCurr_MtrCurr2SumLov_Oit_M_f32         110.404999           CmMtrCurr_MtrCurrSumLov_Volt_M_f32         154.925003           CmMtrCurr_MtrCurrAincd_VoltCnt_M_f32         36546.3008           CmMtrCurr_Vecusum_Volt_M_f32         122           Re_Inst_Sa_CmMtrCurr         tg_Rte_Inst_Sa_CmMtrCurr           k_CurrOffNoofAvg_Cnt_u16         64           k_CurrOffNoofAvg_Cnt_u16         64           k_MtrCurrEOLMinOffset_Volts_f32         2.96421409           k_MtrCurrEOLMinOffset_Volts_f32         2.96421409           k_MtrCurrEOLMinOffset_Volts_f32         2.96421409           k_MtrCurrEOLMinOffset_Volts_f32         1.23255312           k_MtrCurrEOLMinOffset_Volts_f32         1.276046203           tgt_CmMtrCurr_Per3_ADCMtrCurr_Volts_f32.value         3           tgt_CmMtrCurr_Per3_ADCMtrCurr_Volts_f32.value         15           tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value         1           tgt_Pmis_NcurrCal_EOLMtrCurr_OtfsetLit_Volts_f32         36079.5391 <tr< td=""><td></td><td></td></tr<>		
CmMtrCurr_MtrCurr2OffsetH_Volt_M_f32		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32         4.5999999           CmMtrCurr_MtrCurr2SumH_Volt_M_f32         2.07563138           CmMtrCurr_MtrCurr2SumH_Volt_M_f32         30.7622643           CmMtrCurr_MtrCurr2SumL_Volt_M_f32         110.404999           CmMtrCurr_MtrCurr2SumL_Volt_M_f32         154.925003           CmMtrCurr_MtrCurr2dom_VoltCnt_M_f32         36546.3008           CmMtrCurr_VecuSum_Volt_M_f32         122           Rel_nst_Sa_CmMtrCurr         tgt_Rte_Inst_Sa_CmMtrCurr           k_CurrOffNoofAvg_Cnt_u16         64           k_CurrOffNoofAvg_Cnt_u16         64           k_MtrCurrEOLMaxOffset_Volts_f32         2.96421409           k_MtrCurrEOLMortComOft_Cnt_u16         68           tgt_CmMtrCur_Per3_ADCMtrCurr1_Volts_f32 value         2.78046203           tgt_CmMtrCur_Per3_ADCMtrCurr2_Volts_f32 value         3           tgt_CmMtrCur_Per3_Mred_Mred_Mred_Mred_Mred_Mred_Mred_Mred		11.11.11
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32         2.07563138           CmMtrCurr_MtrCurr2SumLo_Volt_M_f32         30.7622643           CmMtrCurr_MtrCurr2SumLo_Volt_M_f32         110.404999           CmMtrCurr_MtrCurr2SumZero_Volt_M_f32         154.925003           CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32         36546.3008           CmMtrCurr_MtrCurrValCmd_Volt_M_f32         122           Ke_Inst_Sa_CmMtrCurr         tg_Rel_Inst_Sa_CmMtrCurr           k_ UnrOffNoofAvg_Cnt_u16         64           k_ MaxCurrOffMtrVel_RadpS_f32         15.5906773           k_ MirCurrEOLMinOffset_Volts_f32         2.96421409           k_ MirCurrEOLMinOffset_Volts_f32         1.23255312           k_ MirCurrOffLoComOff_Cnt_u16         658           tg_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value         2.78046203           tg_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value         3           tg_CmMtrCurr_Per3_MirVel_MtrRadpS_f32.value         15           tg_CmMtrCurr_Per3_MirVel_MtrRadpS_f32.value         16           tg_CmMtrCurr_Per3_Velxp_Volt_f32.value         1.12093002e-008           tg_CmMtrCurr_Per3_Velxp_Volt_f32.value         1           tg_CmMtrCurr_Per3_Velxp_Volt_f32.value         1           tg_CmMtrCurr_Per3_Velxp_Volt_f32.value         1           tg_CmMtrCurr_Per3_Velxp_Volt_f32.value         1 <td></td> <td>11.11</td>		11.11
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32         30.7622643           CmMtrCurr_MtrCurr2SumZeor_Volt_M_f32         110.404999           CmMtrCurr_MtrCurr2SumZeor_Volt_M_f32         154.925003           CmMtrCurr_MtrCurrAscomZeor_Volt_M_f32         36546.3008           CmMtrCurr_VecuSum_Volt_M_f32         122           Rte_Inst_Sa_CmMtrCurr         tgt_Rte_Inst_Sa_CmMtrCurr           kc_CurrOffNoofAvg_Cnt_u16         64           k_CurrOffMtvCl_RadpS_f32         15.5906773           k_MtrCurrEOLMaxOffset_Volts_f32         2.96421409           k_MtrCurrEOLMinOffset_Volts_f32         1.23255312           k_MtrCurrOffLocomOff_Cnt_u16         658           tgt_CmMtrCurr_Per3_ADCMtrCurr_Volts_f32.value         2.78046203           tgt_CmMtrCurr_Per3_ADCMtrCurr_Volts_f32.value         15           tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value         15           tgt_CmMtrCurr_Per3_Venspd_Kpd_f32.value         1.12093002e-008           tgt_CmMtrCurr_Per3_Venspd_Vsbd_id_Cnt_lgc_value         1           tgt_Pim_shCurrCal_EOLMtrCurrOffsetto_Volts_f32         2.86690226           tgt_Pim_shCurrCal_EOLMtrCurrOffsetto_Volts_f32         2.88593364           tgt_Pim_shCurrCal_EOLMtrCurr_Per3_ADCMtrCurr_Per3_ADCMtrCurr_Per3_ADCMtrCurr_Per3_ADCMtrCurr_Per3_ADCMtrCurr_Per3_ADCMtrCurr_Per3_ADCMtrCurr_Per3_ADCMtrCurr_Per3_ADCMtrCurr_Per3_ADCMtrCurr_Per3_ADCMtrCurr_Per3_ADCMtrCurr_Per3_ADCMtrCurr_		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32         110.404999           CmMtrCurr_MtrCurr2SumZero_Volt_M_f32         154.925003           CmMtrCurr_MtrCurdCmd_VoltCnt_M_f32         36546.3008           CmMtrCurr_VecuSum_Volt_M_f32         122           Rte_Inst_Sa_CmMtrCurr         tgt_Rte_Inst_Sa_CmMtrCurr           k_CurrOffNoofAvg_Cnt_u16         64           k_MaxCurrOffMtrVel_RadpS_f32         15.5906773           k_MtrCurrEOLMinOffset_Volts_f32         2.96421409           k_MtrCurrEOLMinOffSet_Volts_f32         1.23255312           k_MtrCurrEOLMinOffSet_Volts_f32         1.23255312           k_MtrCurr_Per3_ADCMtrCurr_Volts_f32.value         658           tgt_CmMtrCurr_Per3_ADCMtrCurr_Volts_f32.value         2.76046203           tgt_CmMtrCurr_Per3_ADCMtrCurr_Volts_f32.value         15           tgt_CmMtrCurr_Per3_WtrVel_MtrRadpS_f32.value         15           tgt_CmMtrCurr_Per3_Volt_Skph_f32.value         6           tgt_CmMtrCurr_Per3_Volt_Sybh_f32.value         1           tgt_Pim_ShCurrCal_EOLMtrCurr2Offset_Oxlots_f32         36079.5391           tgt_Pim_ShCurrCal_EOLMtrCurr2Offset_Oxlots_f32         2.98690226           tgt_Pim_ShCurrCal_EOLMtrCurr1OffsetDiff_Volts_f32         2.88593364           tgt_Pim_ShCurrCal_EOLMtrCurr2OffsetDiff_Volts_f32         1tg_CmMtrCurr_Per3_ADCMtrCurr_Volts_f32		
CmMtrCurr_MtrCurr/AlCmd_VoltCnt_M_f32       154.925003         CmMtrCurr_MtrCurr/AlCmd_VoltCnt_M_f32       36546.3008         CmMtrCurr_VecuSum_Volt_M_f32       122         Rte_Inst_Sa_CmMtrCurr       tgt_Rte_Inst_Sa_CmMtrCurr         k_ UnrOffNoofAvg_Ont_u16       64         k_ MaxCurrOffMtrVel_RadpS_f32       15.5906773         k_ MtrCurrEOLMinOffset_Volts_f32       2.96421409         k_ MtrCurrOffLoComOff_Cnt_u16       658         tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value       2.78046203         tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value       3         tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value       15         tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value       15         tgt_CmMtrCurr_Per3_Verspd_krp_f32.value       15         tgt_CmMtrCurr_Per3_Verspd_krp_f32.value       1         tgt_CmMtrCurr_Per3_Verspd_Verspd_krp_f32.value       1         tgt_Pim_ShCurrCal_EDLMtrCurr2Cmd_Voltcnts_f32       36079.5391         tgt_Pim_ShCurrCal_EDLMtrCurr2OffsetLo_Volts_f32       2.86993364         tgt_Pim_ShCurrCal_EDLMtrCurr1OffsetLo_Volts_f32       3         tgt_Pim_ShCurrCal_EDLMtrCurr2OffsetLo_Volts_f32       3         tgt_Pim_ShCurrCal_EDLMtrCurr_Per3_ADCMtrCurr1_Volts_f32       3         tgt_Pim_ShCurrCal_EDLMtrCurr_Per3_ADCMtrCurr2_Volts_f32       3 <t< td=""><td></td><td></td></t<>		
CmMtrCurr_MtrCurrVecuSum_Volt_M_r32         36546.3008           CmMtrCurr_VecuSum_Volt_M_r32         122           Rte_Inst_Sa_CmMtrCurr         tgt_Rte_Inst_Sa_CmMtrCurr           k_CurrOffNoofAvg_Cnt_u16         64           k_MaxCurrOffMtivel_RadpS_r32         15.5906773           k_MtrCurrEOLMaxOrfset_Volts_r32         2.96421409           k_MtrCurrEOLMinOffset_Volts_r32         1.23255312           k_MtrCurrOffLoComOff_Cnt_u16         658           tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_r32.value         2.78046203           tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_r32.value         3           tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_r32.value         15           tgt_CmMtrCurr_Per3_Vecu_Volt_r32.value         15           tgt_CmMtrCurr_Per3_Vecu_Volt_r32.value         1.12093002e-008           tgt_CmMtrCurr_Per3_VeSpd_Kph_r32.value         1.12093002e-008           tgt_Pim_ShCurrCal_EOLMtrCurrVcalCmd_VoltCnts_r32         36079.5391           tgt_Pim_ShCurrCal_EOLMtrCurrOffsetLo_Volts_r32         2.96690226           tgt_Pim_ShCurrCal_EOLMtrCurrOffsetLo_Volts_r32         3           tgt_Pim_ShCurrCal_EOLMtrCurrOffsetDiff_Volts_r32         3           tgt_Pim_ShCurrCal_EOLMtrCurrOffsetDiff_Volts_r32         3           tgt_Pim_ShCurrCal_EOLMtrCurrOffsetDiff_Volts_r32         3           tgt_Pim_ShCurrCal_E		
CmMtrCurr_VecuSum_Volt_M_f32         122           Rte_Inst_Sa_CmMtrCurr         tgt_Rte_Inst_Sa_CmMtrCurr           k_CurrOffNoofAvg_Cnt_u16         64           k_MaxCurrOffMtrVel_RadpS_f32         15.5906773           k_MtrCurrEOLMaxOffset_Volts_f32         2.96421409           k_MtrCurrEOLMinOffSet_Volts_f32         1.23255312           k_MtrCurr_Per3_ADCMtrCurr1_Volts_f32.value         658           tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value         2.78046203           tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value         15           tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value         15           tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value         6           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         36079.5391           tgt_Pim_ShCurrCal_EOLMtrCurrOffsetLo_Volts_f32         2.96690226           tgt_Pim_ShCurrCal_EOLMtrCurrOffsetLo_Volts_f32         2.88593364           tgt_Pim_ShCurrCal_EOLMtrCurrOffsetDiff_Volts_f32         3           tgt_Pim_ShCurrCal_EOLMtrCurrOffsetDiff_Volts_f32         3           tgt_Pim_ShCurrCal_EOLMtrCurr_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32         tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32           tgt_Rie_inst_Sa_CmMtrCurr.CmMtrCurr_Per		
Rte_Inst_Sa_CmMtrCurr         tgt_Rte_Inst_Sa_CmMtrCurr           k_CurrOffNotAvg_Cnt_u16         64           k_MaxCurrOffMtrVel_RadpS_f32         15.5906773           k_MtrCurrEOLMaxOffSet_Volts_f32         2.96421409           k_MtrCurrOffLoComOff_Cnt_u16         658           tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value         2.78046203           tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value         3           tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value         15           tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value         6           tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value         1.12093002e-008           tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value         1.12093002e-008           tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32         36079.5391           tgt_Pim_ShCurrCal.EOLMtrCurrYoffsett.o_Volts_f32         2.96690226           tgt_Pim_ShCurrCal.EOLMtrCurrOffsett.o_Volts_f32         2.88593364           tgt_Pim_ShCurrCal.EOLMtrCurrOffsetDiff_Volts_f32         3           tgt_Pim_ShCurrCal.EOLMtrCurr.OffsetDiff_Volts_f32         3           tgt_Pim_ShCurrCal.EOLMtrCurr.OffsetDiff_Volts_f32         3           tgt_Pim_ShCurrCal.EOLMtrCurr.OffsetDiff_Volts_f32         3           tgt_Pim_ShCurrCal.EOLMtrCurr.OffsetDiff_Volts_f32         3           tgt_Pim_ShCurrCal.EOLMtrCurr.OffsetDiff_Volts_f32         4     <		
k_CurrOffNordAvg_Cnt_u16         64           k_MaxCurrOffMtrVel_RadpS_f32         15.5906773           k_MtrCurrEOLMaxOffset_Volts_f32         2.96421409           k_MtrCurrEOLMinOffset_Volts_f32         1.23255312           k_MtrCurrOffLoComOff_Cnt_u16         658           tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value         2.78046203           tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value         3           tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value         15           tgt_CmMtrCurr_Per3_VenSpd_Kph_f32.value         6           tgt_CmMtrCurr_Per3_VenSpd_Kph_f32.value         1.12093002e-008           tgt_Pim_ShCurrCal_EOLMtrCurrVerd_VolEnts_f32         36079.5391           tgt_Pim_ShCurrCal_EOLMtrCurr1OffsetLo_Volts_f32         2.96690226           tgt_Pim_ShCurrCal_EOLMtrCurr1OffsetLo_Volts_f32         2.8859364           tgt_Pim_ShCurrCal_EOLMtrCurr1OffsetDiff_Volts_f32         3           tgt_Pim_ShCurrCal_EOLMtrCurr2OffsetLo_Volts_f32         3           tgt_Pim_ShCurrCal_EOLMtrCurr1OffsetDiff_Volts_f32         3           tgt_Pim_ShCurrCal_EOLMtrCurr1OffsetDiff_Volts_f32         3           tgt_Pim_ShCurrCal_EOLMtrCurrCurr2OffsetDiff_Volts_f32         3           tgt_Pim_ShCurrCal_EOLMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32         4           tgt_Rie_inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 <td< td=""><td></td><td></td></td<>		
k_MaxCurrOffMtrVel_RadpS_f32       15.5906773         k_MtrCurrEOLMaxOffset_Volts_f32       2.96421409         k_MtrCurrOffLoComOff_Cnt_u16       658         tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value       2.78046203         tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value       3         tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value       15         tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value       6         tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value       6         tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value       1.12093002e-008         tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value       1         tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32       36079.5391         tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32       2.96690226         tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32       2.88593364         tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32       3         tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32       3         tgt_Pim_ShCurrCal.EOLMtrCurr_Per3_ADCMtrCurr1_Volts_f32       15         tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32       15         tgt_CmMtrCurr_Per3_ADCMtrCurr_Per3_ADCMtrCurr_Per3_ADCMtrCurr_Per3_ADCMtrCurr_Per3_ADCMtrCurr_Per3_ADCMtrCurr_Per3_ADCMtrCurr_Per3_ADCMtrCurr_Per3_ComOffset_Cnt_u16		
k_MtrCurrEOLMaxOffset_Volts_f32         2.96421409           k_MtrCurrEOLMinOffset_Volts_f32         1.23255312           k_MtrCurrOffLoComOff_Cnt_u16         658           tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value         2.78046203           tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value         3           tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value         15           tgt_CmMtrCurr_Per3_VenSpd_Kph_f32.value         6           tgt_CmMtrCurr_Per3_VenSpd_Kph_f32.value         1.12093002e-008           tgt_CmMtrCurr_Per3_VenSpd_Valid_Cnt_lgc.value         1           tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32         36079.5391           tgt_Pim_ShCurrCal.EOLMtrCurr/OffsetLo_Volts_f32         2.96690226           tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32         2.88593364           tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32         3           tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32         3           tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32         3           tgt_Pim_ShCurrCal.EOLMtrCurr_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_ADCMtrCurr2_Volts_f32           tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16         tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
k_MtrCurrEOLMinOffset_Volts_f32       1.23255312         k_MtrCurrOffLoComOff_Cnt_u16       658         tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value       2.78046203         tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value       3         tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value       15         tgt_CmMtrCurr_Per3_VebSpd_kph_f32.value       6         tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.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_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32       3         tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32       3         tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_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_CmMtrCurr_Per3_ComOffset_Cnt_u16       tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
k_MtrCurrOffLoComOff_Cnt_u16  tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value  2.78046203  tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value  3  tgt_CmMtrCurr_Per3_ADt_Vel_MtrRadps_f32.value  15  tgt_CmMtrCurr_Per3_Vel_MtrRadps_f32.value  15  tgt_CmMtrCurr_Per3_Velspd_Kph_f32.value  11.12093002e-008  tgt_CmMtrCurr_Per3_Velspd_Kph_f32.value  12  tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_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_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_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.EOLMtrCurr2OffsetLo_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16  tgt_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  fgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value  fgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value  fgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value  fgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value  fgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value  fgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32  fgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32  fgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32  fgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32  fgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32  fgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32  fgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32  fgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32  fgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16  fgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value  tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value  tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value  tgt_CmMtrCurr_Per3_VhSpd_Valid_Cnt_lgc.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.EOLMtrCurr1OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16  tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_CmMtrCurr_Per3_VebSpd_Kph_f32.value		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value  tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value  tgt_Pim_ShCurrCal.EOLMtrCurrOffsetLo_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_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.EOLMtrCurr2OffsetLo_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16  tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
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_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32  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_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32  tgt_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  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		11111
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_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32  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_CmMtrCurr2_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		
	tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32

2016-07-24, 13:44:06+0530



CmMtrCurr\_Per3

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 Igc			
tgt Rte Inst Sa CmMtrCurr.Pim ShCurrCal	tgt Pim ShCurrCal			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	0	0 ± 1		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_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	<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	0.527535379	0.527535379 ± 0.0003	~	
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	<b>✓</b>	
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	✓	
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	~	

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	_



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

#### 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 &&
                                           (CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 >= k_MtrCurrEOLMaXOffset_Volts_f32)=False&& (CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 >= k_MtrCurrEOLMaxOffset_Volts_f32) && (CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 >= k_MtrCurrEOLMaxOffset_Volts_f32) && (CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 >= k_MtrCurrEOLMaxOffset_Volts_f32) && (CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 >= k_MtrCurrEOLMaxOffset_Volts_f32) && (CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 >= k_MtrCurrEOLMaxOffset_Volts_f32) && (CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 <= k_MtrCurrEOLMaxOffset_Volts_f32))"

215_Cone_Elon_T_Car_Elon_T_G12 = k_MtrCurrEOLMaxOffset_Volts_f32))"
         TC3.15 Case Else= True
```

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

CmMtrCurr Per3

2016-07-24, 13:44:06+0530



Input Value CmMtrCurr\_MtrCurr1SumLo\_Volt\_M\_f32 CmMtrCurr\_MtrCurr1SumZero\_Volt\_M\_f32 CmMtrCurr MtrCurr2OffsetHi Volt M f32  $CmMtrCurr\_MtrCurr2OffsetLo\_Volt\_M\_f32$ CmMtrCurr MtrCurr2OffsetZero Volt M f32 CmMtrCurr\_MtrCurr2SumHi\_Volt\_M\_f32 CmMtrCurr MtrCurr2SumLo Volt M f32 1  $CmMtrCurr\_MtrCurr2SumZero\_Volt\_M\_f32$ 1 CmMtrCurr\_MtrCurrValCmd\_VoltCnt\_M\_f32 CmMtrCurr VecuSum Volt M f32 243 964996 Rte\_Inst\_Sa\_CmMtrCurr tgt\_Rte\_Inst\_Sa\_CmMtrCurr k\_CurrOffNoofAvg\_Cnt\_u16 k\_MaxCurrOffMtrVel\_RadpS\_f32 -20 k MtrCurrEOLMaxOffset Volts f32 1 k\_MtrCurrEOLMinOffset\_Volts\_f32 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  $tgt\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32$ n tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32 1 tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32  $tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetDiff\_Volts\_f32$ tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32  $tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ADCMtrCurr1\_Volts\_f32$ tgt\_CmMtrCurr\_Per3\_ADCMtrCurr1\_Volts\_f32 tot Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr2 Volts f32 tat 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\_Pim\_ShCurrCal tgt\_Rte\_Inst\_Sa\_CmMtrCurr.Pim\_ShCurrCal **Actual Value Expected Value** CmMtrCurr\_CurrOffAvgCounter\_Cnt\_M\_u16 1 ± 1 CmMtrCurr\_CurrOffState\_Uls\_M\_enum CURROFF\_INTIALISE CURROFF\_INTIALISE  $CmMtrCurr\_CurrOffTrimFlag\_Cnt\_M\_lgc$ 0 0 CmMtrCurr\_CurroffProcessFlag\_M\_enum 0 0 1 ± 0.0003 CmMtrCurr MtrCurr1OffsetHi Volt M f32 CmMtrCurr\_MtrCurr1OffsetLo\_Volt\_M\_f32 1 ± 0.0003 CmMtrCurr MtrCurr1OffsetZero Volt M f32 1 ± 0.0003 CmMtrCurr\_MtrCurr1SumHi\_Volt\_M\_f32 1 ± 0.0003 CmMtrCurr MtrCurr1SumLo Volt M f32 1 ± 0.0003  $CmMtrCurr\_MtrCurr1SumZero\_Volt\_M\_f32$ 1 1 ± 0.0003 CmMtrCurr\_MtrCurr2OffsetHi\_Volt\_M\_f32 1 ± 0.0003 CmMtrCurr MtrCurr2OffsetLo Volt M f32 1 + 0.0003CmMtrCurr\_MtrCurr2OffsetZero\_Volt\_M\_f32 1 ± 0.0003 CmMtrCurr\_MtrCurr2SumHi\_Volt\_M\_f32 1 + 0.0003CmMtrCurr\_MtrCurr2SumLo\_Volt\_M\_f32 1 ± 0.0003 • CmMtrCurr MtrCurr2SumZero Volt M f32 1 1 ± 0.0003 CmMtrCurr\_MtrCurrValCmd\_VoltCnt\_M\_f32 0 ± 0.001 **~** 0

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	<b>~</b>

243.964996

0

0

1

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

CmMtrCurr VecuSum Volt M f32

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

tgt\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32

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

tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetLo\_Volts\_f32

tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32

tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetDiff\_Volts\_f32

243.964996 ± 0.0009765625

0 ± 1

 $0 \pm 0.004$ 

1 ± 0.0003

1 ± 0.0003

 $1 \pm 0.0003$ 

1 ± 0.0003

2016-07-24, 13:44:06+0530



CmMtrCurr\_Per3 Input Value CmMtrCurr\_CurrOffTrimFlag\_Cnt\_M\_lgc CmMtrCurr\_CurroffProcessFlag\_M\_enum 3 CmMtrCurr MtrCurr1OffsetHi Volt M f32 3 CmMtrCurr\_MtrCurr1OffsetLo\_Volt\_M\_f32 3 CmMtrCurr MtrCurr1OffsetZero Volt M f32 3 CmMtrCurr\_MtrCurr1SumHi\_Volt\_M\_f32 3 CmMtrCurr\_MtrCurr1SumLo\_Volt\_M\_f32 3  $CmMtrCurr\_MtrCurr1SumZero\_Volt\_M\_f32$ 3 CmMtrCurr\_MtrCurr2OffsetHi\_Volt\_M\_f32 3  $CmMtrCurr\_MtrCurr2OffsetLo\_Volt\_M\_f32$ 3 CmMtrCurr\_MtrCurr2OffsetZero\_Volt\_M\_f32 3 CmMtrCurr\_MtrCurr2SumHi\_Volt\_M\_f32 3 CmMtrCurr\_MtrCurr2SumLo\_Volt\_M\_f32 3 CmMtrCurr\_MtrCurr2SumZero\_Volt\_M\_f32 3 CmMtrCurr\_MtrCurrValCmd\_VoltCnt\_M\_f32 80000 CmMtrCurr\_VecuSum\_Volt\_M\_f32 255.095001 Rte\_Inst\_Sa\_CmMtrCurr tgt\_Rte\_Inst\_Sa\_CmMtrCurr k\_CurrOffNoofAvg\_Cnt\_u16 2 k\_MaxCurrOffMtrVel\_RadpS\_f32 20 k\_MtrCurrEOLMaxOffset\_Volts\_f32 3 k\_MtrCurrEOLMinOffset\_Volts\_f32 3 k\_MtrCurrOffLoComOff\_Cnt\_u16 600 tgt\_CmMtrCurr\_Per3\_ADCMtrCurr1\_Volts\_f32.value 3 tgt\_CmMtrCurr\_Per3\_ADCMtrCurr2\_Volts\_f32.value 3 tgt\_CmMtrCurr\_Per3\_MtrVel\_MtrRadpS\_f32.value 1118 tgt\_CmMtrCurr\_Per3\_Vecu\_Volt\_f32.value 31 tgt\_CmMtrCurr\_Per3\_VehSpd\_Kph\_f32.value 255  $tgt\_CmMtrCurr\_Per3\_VhSpdValid\_Cnt\_lgc.value$ 1 tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32 80000 tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32 3 tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32 3 tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetDiff\_Volts\_f32 3 tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32 3 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ADCMtrCurr1\_Volts\_f32 tgt\_CmMtrCurr\_Per3\_ADCMtrCurr1\_Volts\_f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ADCMtrCurr2\_Volts\_f32 tgt\_CmMtrCurr\_Per3\_ADCMtrCurr2\_Volts\_f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ComOffset\_Cnt\_u16 tgt\_CmMtrCurr\_Per3\_ComOffset\_Cnt\_u16  $tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_MtrVel\_MtrRadpS\_f32$ tgt\_CmMtrCurr\_Per3\_MtrVel\_MtrRadpS\_f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_Vecu\_Volt\_f32 tgt\_CmMtrCurr\_Per3\_Vecu\_Volt\_f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_VehSpd\_Kph\_f32 tgt\_CmMtrCurr\_Per3\_VehSpd\_Kph\_f32  $tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_VhSpdValid\_Cnt\_lgc$ tgt\_CmMtrCurr\_Per3\_VhSpdValid\_Cnt\_lgc

tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	2	2 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	<b>✓</b>
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	80000	80000 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	255.095001	255.095001 ± 0.0009765625	~
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	80000	80000 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	<b>✓</b>

Test Step Call Trace				<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 3.3 (Repeat Count = 1)			~
Name	Input Value		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	3		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1		
CmMtrCurr_CurroffProcessFlag_M_enum	1		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.78107488		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.77936649		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3		
CmMtrCurr MtrCurr1SumLo Volt M f32	3		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.35713053		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.57947969		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.20168996		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.40007114		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	2.39919996		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.50101531		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	24410.7969		
CmMtrCurr_VecuSum_Volt_M_f32	266.225006		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	5		
k_MaxCurrOffMtrVel_RadpS_f32 k MtrCurrEOLMaxOffset Volts f32	13.78934 2.81365776		
k_MtrCurrEOLMinOffset_Volts_f32	1.01982665		
k MtrCurrOffLoComOff Cnt u16	650		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0		
tgt CmMtrCurr Per3 ADCMtrCurr2 Volts f32.value	1.77544999		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	13		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	26.1811924		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.92093008e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	79716.3125		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.33796501		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	2.4327662 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_	f2?	
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr2 Volts f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_		
ig_ric_mor_od_onning oun_rico_rico_riconing oun_rico	tgt_onivitioun_i cro_/tbowitiouniz_voito_		
tot Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ComOffset Cnt u16	tat 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_ComOffset_Cnt_u16 tgt CmMtrCurr Per3 MtrVel MtrRadpS f3		
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_CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3 tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3 tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3 tgt_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3 tgt_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		Result
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3 tgt_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc tgt_Pim_ShCurrCal	2	Result 🗸
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal  Name  CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr_CurrOffState_Uls_M_enum	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3 tgt_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc tgt_Pim_ShCurrCal Actual Value	Expected Value 4 ± 1 CURROFF_HIAVERAGE	Result
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal  Name  CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr_CurrOffState_Uls_M_enum CmMtrCurr_CurrOffTrimFlag_Cnt_M_Igc	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3 tgt_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Pim_ShCurrCal  Actual Value 4 CURROFF_HIAVERAGE 1	Expected Value 4±1 CURROFF_HIAVERAGE 1	<i>y</i>
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal  Name  CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr_CurrOffState_Uls_M_enum  CmMtrCurr_CurrOffTrimFlag_Cnt_M_Igc CmMtrCurr_CurroffProcessFlag_M_enum	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3 tgt_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Pim_ShCurrCal  Actual Value 4 CURROFF_HIAVERAGE 1	Expected Value 4±1 CURROFF_HIAVERAGE 1	Result
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal  Name  CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr_CurrOffState_Uls_M_enum CmMtrCurr_CurrOffTrimFlag_Cnt_M_Igc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3 tgt_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Pim_ShCurrCal  Actual Value 4 CURROFF_HIAVERAGE 1 1.78107488	Expected Value 4 ± 1 CURROFF_HIAVERAGE 1 1 1.78107488 ± 0.0003	\rightarrow \right
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal  Name  CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr_CurrOffState_Uls_M_enum CmMtrCurr_CurrOffTrimFlag_Cnt_M_Igc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3 tgt_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Pim_ShCurrCal  Actual Value 4 CURROFF_HIAVERAGE 1 1.78107488 2.77936649	Expected Value 4 ± 1 CURROFF_HIAVERAGE 1 1 1.78107488 ± 0.0003 2.77936649 ± 0.0003	· · · · · · · · · · · · · · · · · · ·
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal  Name  CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr_CurrOffState_Uls_M_enum CmMtrCurr_CurrOffTrimFlag_Cnt_M_Igc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3 tgt_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Pim_ShCurrCal  Actual Value 4 CURROFF_HIAVERAGE 1 1.78107488 2.77936649 1	Expected Value  4 ± 1  CURROFF_HIAVERAGE  1  1.78107488 ± 0.0003  2.77936649 ± 0.0003  1 ± 0.0003	\rightarrow \right
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal  Name  CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr_CurrOffState_Uls_M_enum CmMtrCurr_CurrOffTrimFlag_Cnt_M_Igc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3 tgt_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Pim_ShCurrCal  Actual Value 4 CURROFF_HIAVERAGE 1 1.78107488 2.77936649	Expected Value 4 ± 1 CURROFF_HIAVERAGE 1 1 1.78107488 ± 0.0003 2.77936649 ± 0.0003	· · · · · · · · · · · · · · · · · · ·
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal  Name  CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr_CurrOffState_Uls_M_enum CmMtrCurr_CurrOffTrimFlag_Cnt_M_Igc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3 tgt_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Pim_ShCurrCal  Actual Value 4 CURROFF_HIAVERAGE 1 1.78107488 2.77936649 1 3	Expected Value  4 ± 1  CURROFF_HIAVERAGE  1  1.78107488 ± 0.0003  2.77936649 ± 0.0003  1 ± 0.0003  3 ± 0.0003	· · · · · · · · · · · · · · · · · · ·
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal  Name  CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr_CurrOffState_Uls_M_enum CmMtrCurr_CurrOffTrimFlag_Cnt_M_Igc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3 tgt_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Pim_ShCurrCal  Actual Value 4 CURROFF_HIAVERAGE 1 1.78107488 2.77936649 1 3 3	Expected Value  4 ± 1  CURROFF_HIAVERAGE  1  1.78107488 ± 0.0003  2.77936649 ± 0.0003  1 ± 0.0003  3 ± 0.0003  3 ± 0.0003	· · · · · · · · · · · · · · · · · · ·
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal  Name  CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr_CurrOffState_Uls_M_enum CmMtrCurr_CurrOffTrimFlag_Cnt_M_Igc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3 tgt_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Pim_ShCurrCal  Actual Value 4 CURROFF_HIAVERAGE 1 1.78107488 2.77936649 1 3 3 1.35713053	Expected Value  4 ± 1  CURROFF_HIAVERAGE  1  1.78107488 ± 0.0003  2.77936649 ± 0.0003  1 ± 0.0003  3 ± 0.0003  3 ± 0.0003  1.35713053 ± 0.0003	· · · · · · · · · · · · · · · · · · ·
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal  Name  CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr_CurrOffState_Uls_M_enum CmMtrCurr_CurrOffTrimFlag_Cnt_M_Igc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_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_MtrCurr1SumZero_Volt_M_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3 tgt_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Pim_ShCurrCal  Actual Value 4 CURROFF_HIAVERAGE 1 1.78107488 2.77936649 1 3 3 1.35713053 1.57947969	Expected Value  4 ± 1  CURROFF_HIAVERAGE  1  1.78107488 ± 0.0003  2.77936649 ± 0.0003  1 ± 0.0003  3 ± 0.0003  3 ± 0.0003  1.35713053 ± 0.0003  1.57947969 ± 0.0003	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal  Name  CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr_CurrOffState_Uls_M_enum CmMtrCurr_CurrOffTrimFlag_Cnt_M_Igc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1Offsetto_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetVolt_M_f32 CmMtrCurr_MtrCurr1SumHi_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 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3 tgt_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VehSpdValid_Cnt_Igc tgt_Pim_ShCurrCal  Actual Value 4 CURROFF_HIAVERAGE 1 1.78107488 2.77936649 1 3 3 1.35713053 1.57947969 2.20168996	Expected Value  4 ± 1  CURROFF_HIAVERAGE  1  1.78107488 ± 0.0003  2.77936649 ± 0.0003  1 ± 0.0003  3 ± 0.0003  3 ± 0.0003  1.35713053 ± 0.0003  1.57947969 ± 0.0003  2.20168996 ± 0.0003	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal  Name  CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr_CurrOffState_Uls_M_enum CmMtrCurr_CurrOffTrimFlag_Cnt_M_Igc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffSetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumHc_o_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3 tgt_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VehSpd_Valid_Cnt_Igc tgt_Pim_ShCurrCal  Actual Value 4 CURROFF_HIAVERAGE 1 1.78107488 2.77936649 1 3 3 1.35713053 1.57947969 2.20168996 1 4.1755209 2.39919996	Expected Value  4 ± 1  CURROFF_HIAVERAGE  1  1.78107488 ± 0.0003  2.77936649 ± 0.0003  1 ± 0.0003  3 ± 0.0003  3 ± 0.0003  1.35713053 ± 0.0003  1.57947969 ± 0.0003  2.20168996 ± 0.0003  4.1755209 ± 0.0003  2.39919996 ± 0.0003	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal  Name  CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr_CurrOffState_Uls_M_enum CmMtrCurr_CurrOffTrimFlag_Cnt_M_Igc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_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_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3 tgt_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Pim_ShCurrCal  Actual Value 4 CURROFF_HIAVERAGE 1 1.78107488 2.77936649 1 3 3 1.35713053 1.57947969 2.20168996 1 4.1755209 2.39919996 1.50101531	Expected Value  4 ± 1  CURROFF_HIAVERAGE  1  1.78107488 ± 0.0003  2.77936649 ± 0.0003  1 ± 0.0003  3 ± 0.0003  3 ± 0.0003  1.35713053 ± 0.0003  1.57947969 ± 0.0003  2.20168996 ± 0.0003  4.1755209 ± 0.0003  2.39919996 ± 0.0003  1.50101531 ± 0.0003	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal  Name  CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr_CurrOffState_Uls_M_enum CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumDero_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_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_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr_MtrCurr2SumZero_Volt_M_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3 tgt_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Pim_ShCurrCal  Actual Value 4 CURROFF_HIAVERAGE 1 1.78107488 2.77936649 1 3 3 1.35713053 1.57947969 2.20168996 1 4.1755209 2.39919996 1.50101531 24410.7969	Expected Value  4 ± 1  CURROFF_HIAVERAGE  1  1.78107488 ± 0.0003  2.77936649 ± 0.0003  1 ± 0.0003  3 ± 0.0003  3 ± 0.0003  1.35713053 ± 0.0003  1.57947969 ± 0.0003  2.20168996 ± 0.0003  4.1755209 ± 0.0003  2.39919996 ± 0.0003  1.50101531 ± 0.0003  24410.7969 ± 0.001	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal  Name  CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr_CurrOffState_Uls_M_enum CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SmHi_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_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_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 CmMtrCurr_VecuSum_Volt_M_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3 tgt_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Pim_ShCurrCal  Actual Value 4 CURROFF_HIAVERAGE 1 1.78107488 2.77936649 1 3 3 1.35713053 1.57947969 2.20168996 1 4.1755209 2.39919996 1.50101531 24410.7969 292.406189	Expected Value  4 ± 1  CURROFF_HIAVERAGE  1  1.78107488 ± 0.0003  2.77936649 ± 0.0003  1 ± 0.0003  3 ± 0.0003  3 ± 0.0003  1.35713053 ± 0.0003  1.57947969 ± 0.0003  2.20168996 ± 0.0003  4.1755209 ± 0.0003  2.39919996 ± 0.0003  1.50101531 ± 0.0003  24410.7969 ± 0.001  292.406189 ± 0.000765625	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal  Name  CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr_CurrOffState_Uls_M_enum CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetD_volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_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_MtrCurr2OffsetD_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_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_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2Sum_Volt_M_f32 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3 tgt_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VehSpd_Valid_Cnt_Igc tgt_Pim_ShCurrCal  Actual Value 4 CURROFF_HIAVERAGE 1 1.78107488 2.77936649 1 3 3 1.35713053 1.57947969 2.20168996 1 4.1755209 2.39919996 1.50101531 24410.7969 292.406189 4000	Expected Value  4 ± 1  CURROFF_HIAVERAGE  1  1.78107488 ± 0.0003  2.77936649 ± 0.0003  1 ± 0.0003  3 ± 0.0003  3 ± 0.0003  1.35713053 ± 0.0003  1.57947969 ± 0.0003  2.20168996 ± 0.0003  4.1755209 ± 0.0003  2.39919996 ± 0.0003  2.39919996 ± 0.0003  2.4410.7969 ± 0.0003  24410.7969 ± 0.0001  292.406189 ± 0.0001	· · · · · · · · · · · · · · · · · · ·
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal  Name  CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr_CurrOffState_Uls_M_enum CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumCo_Volt_M_f32 CmMtrCurr_MtrCurr1SumCo_Volt_M_f32 CmMtrCurr_MtrCurr1SumCo_Volt_M_f32 CmMtrCurr_MtrCurr1SumCo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_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_Per3_ComOffset_Cnt_u16.value tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3 tgt_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Pim_ShCurrCal  Actual Value 4 CURROFF_HIAVERAGE 1 1.78107488 2.77936649 1 3 3 1.35713053 1.57947969 2.20168996 1 4.1755209 2.39919996 1.50101531 24410.7969 292.406189 4000 79716.3125	Expected Value  4 ± 1  CURROFF_HIAVERAGE  1  1.78107488 ± 0.0003  2.77936649 ± 0.0003  1 ± 0.0003  3 ± 0.0003  3 ± 0.0003  1.35713053 ± 0.0003  1.57947969 ± 0.0003  2.20168996 ± 0.0003  4.1755209 ± 0.0003  2.39919996 ± 0.0003  2.39919996 ± 0.0003  2.4410.7969 ± 0.0003  24410.7969 ± 0.0001  292.406189 ± 0.0001	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal  Name  CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr_CurrOffState_Uls_M_enum CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetDevolt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumCo_Volt_M_f32 CmMtrCurr_MtrCurr1SumCo_Volt_M_f32 CmMtrCurr_MtrCurr1SumCo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetDevolt_M_f32 CmMtrCurr_MtrCurr2OffsetCo_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumCo_Volt_M_f32 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32 tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_Voltcnts_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3 tgt_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VehSpd_Valid_Cnt_Igc tgt_Pim_ShCurrCal  Actual Value 4 CURROFF_HIAVERAGE 1 1.78107488 2.77936649 1 3 3 1.35713053 1.57947969 2.20168996 1 4.1755209 2.39919996 1.50101531 24410.7969 292.406189 4000 79716.3125 3	Expected Value  4 ± 1  CURROFF_HIAVERAGE  1  1.78107488 ± 0.0003  2.77936649 ± 0.0003  1 ± 0.0003  3 ± 0.0003  3 ± 0.0003  1.35713053 ± 0.0003  1.57947969 ± 0.0003  2.20168996 ± 0.0003  4.1755209 ± 0.0003  2.39919996 ± 0.0003  2.39919996 ± 0.0003  2.4410.7969 ± 0.0003  24410.7969 ± 0.001  292.406189 ± 0.0001  292.406189 ± 0.0001  292.406189 ± 0.0001  292.406189 ± 0.0001	· · · · · · · · · · · · · · · · · · ·
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal  Name  CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr_CurrOffState_Uls_M_enum CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumLi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_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 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 cmMtrCurr_MtrCurr2Dend_VoltCnt_M_f32 cmftrCurr_MtrCurr2Dend_VoltCnt_M_f32 cmftrCurr_NtrCurr2Dend_VoltCnt_M_f32 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32 tgt_Pim_ShCurrCal.EOLMtrCurrOffsetLo_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurrOffsetLo_Volts_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3 tgt_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Pim_ShCurrCal  Actual Value 4 CURROFF_HIAVERAGE 1 1.78107488 2.77936649 1 3 3 1.35713053 1.57947969 2.20168996 1 4.1755209 2.39919996 1.50101531 24410.7969 292.406189 4000 79716.3125	Expected Value  4 ± 1  CURROFF_HIAVERAGE  1  1.78107488 ± 0.0003  2.77936649 ± 0.0003  1 ± 0.0003  3 ± 0.0003  3 ± 0.0003  1.35713053 ± 0.0003  1.57947969 ± 0.0003  2.20168996 ± 0.0003  4.1755209 ± 0.0003  2.39919996 ± 0.0003  2.39919996 ± 0.0003  2.4410.7969 ± 0.0003  24410.7969 ± 0.0001  292.406189 ± 0.0001	· · · · · · · · · · · · · · · · · · ·
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal  Name  CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr_CurrOffState_Uls_M_enum CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetDevolt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumCo_Volt_M_f32 CmMtrCurr_MtrCurr1SumCo_Volt_M_f32 CmMtrCurr_MtrCurr1SumCo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetDevolt_M_f32 CmMtrCurr_MtrCurr2OffsetCo_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumCo_Volt_M_f32 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32 tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_Voltcnts_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3 tgt_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VehSpd_Valid_Cnt_Igc tgt_Pim_ShCurrCal  Actual Value 4 CURROFF_HIAVERAGE 1 1.78107488 2.77936649 1 3 3 1.35713053 1.57947969 2.20168996 1 4.1755209 2.39919996 1.50101531 24410.7969 292.406189 4000 79716.3125 3 3	Expected Value  4 ± 1  CURROFF_HIAVERAGE  1  1.78107488 ± 0.0003  2.77936649 ± 0.0003  1 ± 0.0003  3 ± 0.0003  3 ± 0.0003  1.57947969 ± 0.0003  1.57947969 ± 0.0003  2.20168996 ± 0.0003  4.1755209 ± 0.0003  2.39919996 ± 0.0003  2.39919996 ± 0.0003  2.4410.7969 ± 0.0001  292.406189 ± 0.0001  292.406189 ± 0.0001  292.406189 ± 0.0001  292.406189 ± 0.0001  292.406189 ± 0.0004  3 ± 0.0003  3 ± 0.0003  3 ± 0.0003	



Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	<b>✓</b>

Test Step 3.4 (Repeat Count = 1)				
Name	Input Value			
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	4			
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_ZEROAVERAGE			
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1		
CmMtrCurr_CurroffProcessFlag_M_enum	3			
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3			
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.46805692			
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2			
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	2.46084809			
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.86561072			
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	3			
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3			
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.85745907			
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2			
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.35386825			
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	2.47220445			
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3			
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	27914.8262			
CmMtrCurr_VecuSum_Volt_M_f32	277.355011			
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr			
k_CurrOffNoofAvg_Cnt_u16	32			
k_MaxCurrOffMtrVel_RadpS_f32	15			
k_MtrCurrEOLMaxOffset_Volts_f32	1.39142871			
k_MtrCurrEOLMinOffset_Volts_f32	2.28647137			
k_MtrCurrOffLoComOff_Cnt_u16	700			
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_'	_		
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	pS_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_Cr	nt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
Name	Actual Value	Expected Value	Resu	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	5	5 ± 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	2.46805692	2.46805692 ± 0.0003		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2	2 ± 0.0003		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	2.46084809	2.46084809 ± 0.0003		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.86561072	1.86561072 ± 0.0003		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	6	6 ± 0.0003		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.85745907	2.85745907 ± 0.0003		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2	2 ± 0.0003		
CmMtrCurr MtrCurr2SumHi Volt M f32	2 35386825	2 35386825 + 0 0003		

2.35386825

2.47220445

4.09178734

27914.8262

277.355011

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

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

2.35386825 ± 0.0003

2.47220445 ± 0.0003

4.09178734 ± 0.0003

277.355011 ± 0.0009765625

27914.8262 ± 0.001

0 ± 1

CmMtrCurr\_Per3



Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	37732.9023	37732.9023 ± 0.004	<b>✓</b>
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	✓
tot Pim ShCurrCal FOI MtrCurr2OffeetDiff Volte f32	2 30102566	2 30192566 + 0 0003	_

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	•

Test Step 3.5 (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_Unt_igc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal	<b>-</b>	1_
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	<b>✓</b>

Test Step Call Trace				<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	~

Name	Input Value		
CmMtrCurr CurrOffAvgCounter Cnt M u16	6		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_LOAVERAGE		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1		
CmMtrCurr_CurroffProcessFlag_M_enum	1		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.61728585		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	1.16198051		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.49484968		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.25865233		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.91161692		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.69007492		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	1.76790476		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.1677835		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	56885.8242		
CmMtrCurr_VecuSum_Volt_M_f32	299.61499		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	10		
k_MaxCurrOffMtrVel_RadpS_f32	0.119885504		
k_MtrCurrEOLMaxOffset_Volts_f32	3		
k_MtrCurrEOLMinOffset_Volts_f32	1.68836021		
k_MtrCurrOffLoComOff_Cnt_u16	800		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0.214018106		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	3		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	0		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	7.86561155		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.22093002e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	35326.4414		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.19832134		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.70113182		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.12521768		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.1041311		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_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	~
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	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.61728585	1.61728585 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1	1 ± 0.0003	~





Name	Actual Value	Expected Value	Result
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	1.16198051	1.16198051 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.70886779	2.70886779 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.25865233	1.25865233 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.91161692	1.91161692 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1	1 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.69007492	1.69007492 ± 0.0003	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	4.76790476	4.76790476 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.1677835	2.1677835 ± 0.0003	•
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	56885.8242	56885.8242 ± 0.001	<b>✓</b>
CmMtrCurr_VecuSum_Volt_M_f32	299.61499	299.61499 ± 0.0009765625	•
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	800	800 ± 1	<b>✓</b>
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	•
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.12521768	2.12521768 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.1041311	1.1041311 ± 0.0003	<b>✓</b>

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Test Step 3.7 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	7		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1		
CmMtrCurr_CurroffProcessFlag_M_enum	0		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.64490235		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.16706789		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.78895056		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.5		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.16022956		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	3		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	33953.457		
CmMtrCurr_VecuSum_Volt_M_f32	310.744995		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k CurrOffNoofAvg Cnt u16	15		
k_MaxCurrOffMtrVel_RadpS_f32	3.40498996		
k MtrCurrEOLMaxOffset Volts f32	3		
k MtrCurrEOLMinOffset Volts f32	1.20024276		
k_MtrCurrOffLoComOff_Cnt_u16	850		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	2.53271556		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	3		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	3		
tgt CmMtrCurr Per3 Vecu Volt f32.value	9.09741783		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.82093007e-008		
tgt CmMtrCurr Per3 VhSpdValid Cnt lgc.value	1		
tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	68435.9531		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	1.96729159		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32	2.37171364		
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	2.71984124		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCM	trCurr1 Volts 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 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		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr CurrOffAvgCounter Cnt M u16	7	7 ± 1	Result
Chiliviti Curi_Curi ChiAvgCouriter_Crit_ivi_u ro	1	/ I I	· · · · · · · · · · · · · · · · · · ·

2016-07-24, 13:44:06+0530





Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	<b>✓</b>
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	<b>✓</b>
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	<b>✓</b>
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.16706789	1.16706789 ± 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	1.5	1.5 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
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	<b>✓</b>
CmMtrCurr_VecuSum_Volt_M_f32	310.744995	310.744995 ± 0.0009765625	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	<b>✓</b>
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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.5	1.5 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.35509765	1.35509765 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.5	1.5 ± 0.0003	~

Test Step Call Trace ✓				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_EOLShCurrCal_WriteBlock	1	Rte_Call_Sa_CmMtrCurr_EOLShCurrCal_WriteBlock	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Test Step 3.8 (Repeat Count = 1)	✓
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	8
CmMtrCurr CurrOffState Uls M enum	CURROFF HIAVERAGE
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1
CmMtrCurr CurroffProcessFlag M enum	1
CmMtrCurr MtrCurr1OffsetHi Volt M f32	1.78107488
CmMtrCurr MtrCurr1OffsetLo Volt M f32	2.77936649
CmMtrCurr MtrCurr1OffsetZero Volt M f32	1
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.35713053
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.57947969
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.20168996
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.40007114
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	2.39919996
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.50101531
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	24410.7969
CmMtrCurr_VecuSum_Volt_M_f32	321.875
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrOffNoofAvg_Cnt_u16	20
k_MaxCurrOffMtrVel_RadpS_f32	13.78934
k_MtrCurrEOLMaxOffset_Volts_f32	2.81365776
k_MtrCurrEOLMinOffset_Volts_f32	1.01982665
k_MtrCurrOffLoComOff_Cnt_u16	900
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.77544999
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	13
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	26.1811924
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	79716.3125
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.33796501
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.4327662
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16





Name	Input Value			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	2		
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	8	8 ± 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	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	<b>✓</b>	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3	3 ± 0.0003	<b>~</b>	
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.35713053	1.35713053 ± 0.0003	<b>✓</b>	
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.57947969	1.57947969 ± 0.0003	<b>~</b>	
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.20168996	2.20168996 ± 0.0003	<b>✓</b>	
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1	1 ± 0.0003	<b>✓</b>	
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.40007114	2.40007114 ± 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	24410.7969	24410.7969 ± 0.001	~	
CmMtrCurr_VecuSum_Volt_M_f32	321.875	321.875 ± 0.0009765625	<b>✓</b>	
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	<b>~</b>	
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	79716.3125	79716.3125 ± 0.004	•	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	~	
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	~	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.33796501	2.33796501 ± 0.0003	~	
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.4327662	2.4327662 ± 0.0003	~	

Test Step Call Trace				<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 3.9 (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	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

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

tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetLo\_Volts\_f32

tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetDiff\_Volts\_f32

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

2016-07-24, 13:44:06+0530





Name	Input Value		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.33796501		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.4327662		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1	_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2	_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_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	0	0 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_LOAVERAGE	CURROFF_LOAVERAGE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	0.046875	0.046875 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.77936649	2.77936649 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1	1 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.35713053	1.35713053 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	0.065242514	0.065242514 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.20168996	2.20168996 ± 0.0003	<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>

Test Step Call Trace				<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	~

2.33796501

2.4327662

3

3 ± 0.0003

3 ± 0.0003 2.33796501 ± 0.0003

2.4327662 ± 0.0003

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

2016-07-24, 13:44:06+0530



Input Value tgt\_CmMtrCurr\_Per3\_MtrVel\_MtrRadpS\_f32.value 0 tgt\_CmMtrCurr\_Per3\_Vecu\_Volt\_f32.value 7.86561155 tgt\_CmMtrCurr\_Per3\_VehSpd\_Kph\_f32.value 1.22093002e-008 tgt\_CmMtrCurr\_Per3\_VhSpdValid\_Cnt\_lgc.value tqt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32 35326.4414  $tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32$ 1.19832134 tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetLo\_Volts\_f32 2.70113182  $tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetDiff\_Volts\_f32$ 2.12521768 tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetDiff\_Volts\_f32 1.1041311 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ADCMtrCurr1\_Volts\_f32 tgt\_CmMtrCurr\_Per3\_ADCMtrCurr1\_Volts\_f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ADCMtrCurr2\_Volts\_f32 tgt\_CmMtrCurr\_Per3\_ADCMtrCurr2\_Volts\_f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ComOffset\_Cnt\_u16 tgt\_CmMtrCurr\_Per3\_ComOffset\_Cnt\_u16  $tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_MtrVel\_MtrRadpS\_f32$ tgt\_CmMtrCurr\_Per3\_MtrVel\_MtrRadpS\_f32 tgt\_CmMtrCurr\_Per3\_Vecu\_Volt\_f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_Vecu\_Volt\_f32  $tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_VehSpd\_Kph\_f32$ tgt\_CmMtrCurr\_Per3\_VehSpd\_Kph\_f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_VhSpdValid\_Cnt\_lgc tgt\_CmMtrCurr\_Per3\_VhSpdValid\_Cnt\_lgc  $tgt\_Rte\_Inst\_Sa\_CmMtrCurr.Pim\_ShCurrCal$ tgt\_Pim\_ShCurrCal

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	0	0 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_ZEROAVERAGE	CURROFF_ZEROAVERAGE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	0.0423260592	0.0423260592	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1	1	<b>✓</b>
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	1.16198051	1.16198051	<b>✓</b>
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.70886779	2.70886779	<b>✓</b>
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.25865233	1.25865233	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.91161692	1.91161692	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	0.0744985119	0.0744985119	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1	1	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.69007492	1.69007492	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	4.76790476	4.76790476	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.1677835	2.1677835	~
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	56885.8242	56885.8242	<b>✓</b>
CmMtrCurr_VecuSum_Volt_M_f32	344.13501	344.13501	~
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	<b>✓</b>
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	<b>✓</b>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	<b>~</b>

Test Step 3.11 (Repeat Count = 1)	van de la companya d
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	63
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_ZEROAVERAGE
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1
CmMtrCurr_CurroffProcessFlag_M_enum	3
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.46805692
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	2.46084809
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.86561072
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	3
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.85745907
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.35386825
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	2.47220445
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	27914.8262
CmMtrCurr_VecuSum_Volt_M_f32	355.265015
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrOffNoofAvg_Cnt_u16	64

CmMtrCurr\_Per3

2016-07-24, 13:44:06+0530



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_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_VhSpdVali	d_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	<b>✓</b>
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	<b>✓</b>
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.46805692	2.46805692	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	0.09375	0.09375	<b>✓</b>
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	2.46084809	2.46084809	<b>✓</b>
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.86561072	1.86561072	<b>✓</b>
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	6	6	~
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3	•
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.85745907	2.85745907	<b>✓</b>

Test Step Call Trace				<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>V</b>

0.0639341772

2.35386825

2.47220445

4.09178734

27914.8262

355.265015

37732.9023

2.63156509

1.93776929

2.30192566

3

0.0639341772

2.35386825

2.47220445

4.09178734

27914.8262

355.265015

 $3 \pm 0.0003$ 

37732.9023 ± 0.004

2.63156509 ± 0.0003

1.93776929 ± 0.0003

2.30192566 ± 0.0003

0 ± 1

Test Step 3.12 (Repeat Count = 1)		<b>✓</b>
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	

 $CmMtrCurr\_MtrCurr2OffsetZero\_Volt\_M\_f32$ 

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

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

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

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

tgt Rte Inst Sa CmMtrCurr.Pim ShCurrCal

CmMtrCurr\_Per3

2016-07-24, 13:44:06+0530



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 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  $tgt\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32$ 68435.9531 tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32 1.96729159  $tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetLo\_Volts\_f32$ 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\_CmMtrCurr\_Per3\_VhSpdValid\_Cnt\_lgc

g_rtte_mot_ou_cmintrount.im_onourrou	tgt_r iiii_onouiroui		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	1	1 ± 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	1.5	1.5	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.64490235	1.64490235	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3	3	<b>✓</b>
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3	3	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.16706789	1.16706789	<b>✓</b>
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.78895056	1.78895056	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.5	1.5	<b>✓</b>
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	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3	3	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	33953.457	33953.457	<b>✓</b>
CmMtrCurr_VecuSum_Volt_M_f32	366.394989	366.394989	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	<b>✓</b>
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	<b>✓</b>
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>

tgt Pim ShCurrCal

Test Step Call Trace				<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)		✓
Name	Input Value	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	2	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	
CmMtrCurr_CurroffProcessFlag_M_enum	0	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.5	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.64490235	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3	

CmMtrCurr\_Per3

2016-07-24, 13:44:06+0530



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 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_MtrF		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kp		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid	_Cnt_ige	
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	<b>~</b>
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.5	1.5	<b>~</b>
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.64490235	1.64490235	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3	3	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3	3	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.16706789	1.16706789	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.78895056	1.78895056	<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	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	3	3	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3	3	~
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	33953.457	33953.457	~
CmMtrCurr_VecuSum_Volt_M_f32	377.524994	377.524994	~
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~
tot Diss Charactel Fol Marches (add and Malacete for	C043E 0E34	60435 0534 + 0 004	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	<b>~</b>

68435.9531

1.96729159

2.37171364

2.71984124

3

68435.9531 ± 0.004

1.96729159 ± 0.0003

2.37171364 ± 0.0003

2.71984124 ± 0.0003

3 ± 0.0003

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

tgt\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32

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

tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetLo\_Volts\_f32

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

tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetDiff\_Volts\_f32

2016-07-24, 13:44:06+0530





Nama	Innut Value		
Name CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	Input Value		
CmMtrCurr_CurroffProcessFlag_M_enum	1		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.5		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	2.34302044		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.61692572		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	2.6369369		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.38367915		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.69245267 1.64579737		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 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 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	I_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		
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	l=	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	3	3 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE 0	CURROFF_INTIALISE 0	Ž
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum	3	3	-
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3	J
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.5	1.5	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2	2	~
CmMtrCurr MtrCurr1SumHi Volt M f32	2.34302044	2.34302044	<b>✓</b>
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.61692572	1.61692572	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	2.6369369	2.6369369	~
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.38367915	1.38367915	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1	1	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2	2	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.69245267	2.69245267	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	1.64579737	1.64579737	<b>V</b>
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.93037891	2.93037891	<b>V</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	20898.541	20898.541	<b>✓</b>
CmMtrCurr_VecuSum_Volt_M_f32 tot. CmMtrCurr_Per3_ComOffset_Cnt_u16_value	388.654999	388.654999	~
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	62447.9336	0 ± 1 62447.9336 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_t32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.77314484	1.77314484 ± 0.0003	7
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.8215363	2.8215363 ± 0.0003	<b>V</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.66199911	1.66199911 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.22172582	1.22172582 ± 0.0003	<b>✓</b>
tgt_i iii_ciiouiiouii.cotiviiiouiizoiiotibiii_voito_ioz			

Test Step Call Trace				<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)			✓
Name	Input Value		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	4		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1		
CmMtrCurr_CurroffProcessFlag_M_enum	3		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	1.48992085		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.68548179 1.59864044		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.64645708		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3		
CmMtrCurr MtrCurr2OffsetZero Volt M f32	1		
CmMtrCurr MtrCurr2SumHi Volt M f32	2.580019		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	1.33354414		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	65784.1328		
CmMtrCurr VecuSum Volt M f32	399.785004		
Rte_Inst_Sa_CmMtrCurr	tgt Rte Inst Sa CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	55		
k_MaxCurrOffMtrVel_RadpS_f32	8.21017742		
k_MtrCurrEOLMaxOffset_Volts_f32	2.68886065		
k_MtrCurrEOLMinOffset_Volts_f32	1.79667687		
k_MtrCurrOffLoComOff_Cnt_u16	1250		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	3		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	2.4808383		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	8		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	25.8124847		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.52093005e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	48316.1758		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.95542264		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.64321661		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.54192924		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1	_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_C	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRa		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_0	Int_igc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal	l=	
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	<b>*</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	0	0	•
CmMtrCurr MtrCurr1SumLo Volt M f32	0	0	
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.59864044	1.59864044	·
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.64645708	1.64645708	
CmMtrCurr MtrCurr2OffsetLo Volt M f32	3	3	_
CmMtrCurr MtrCurr2OffsetZero Volt M f32	1	1	
CmMtrCurr MtrCurr2SumHi Volt M f32	0	0	~
CmMtrCurr MtrCurr2SumLo Volt M f32	0	0	
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3	3	~
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	65784.1328	65784.1328	_
CmMtrCurr VecuSum Volt M f32	0	0	~
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	4000	4000 ± 1	_
tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	48316.1758	48316.1758 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.95542264	2.95542264 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	<b>✓</b>
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>

2016-07-24, 13:44:06+0530



CmMtrCurr\_Per3

Test Step Call Trace				<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	•

CmMtrCurr\_SCom\_SetMtrCurrCals

2016-07-24, 13:49:13+0530



Project CmMtrCurr1

 Module
 CmMtrCurr\_MTRCURRPHASEBC\_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	

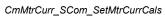
### **Module Properties**

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= -DMTRCURRPHASEBC -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= -DMTRCURRPHASEBC -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	rspecification
Name	Text
Name Module CmMtrCurr_MTRCURRPHASEB	C_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 CALS Used (Bytes):46
	Special Test Requirements:NA Test Date:7/23/2016 Comments: "Note1: Inline functions defined in globalmacro.h are not unit tested.  Note2:- ""CBD_Sandbox_dbg.map"" map file is embedded for reference.
	Note3:-In function ""CmMtrCurr_Per3"" some variables are going out of range for some vectors,accepted by devloper variables are :- MtrCurr2SumHi_Volt_M_f32 , VecuSum_Volt_M_f32 , MtrCurr1SumLo_Volt_M_f32, MtrCurr2SumLo_Volt_M_f32, MtrCurr2SumZero_Volt_M_f32, CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 .
	Note4:-In function CurrDQPer1(), variables 'MtrCurrK1_Amps_f32' and 'MtrCurrK2_Amps_f32' are going to very large values."
	***************************************

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

2016-07-24, 13:49:13+0530





Attributes				
Name	Value			
InitObjDir	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj</pre>			
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src			
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd			
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_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:

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

Test Step 1.1 (Repeat Count = 1)			<b>✓</b>	
Name	Input Value			
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_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	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	<b>✓</b>	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	Ī	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	<b>✓</b>	

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

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

CmMtrCurr\_SCom\_SetMtrCurrCals



Name	Input Value		
	•		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	80000		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	3		
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	125		
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	125		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	3		
Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	80000	80000 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	125	125 ± 0.002	~
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	125	125 ± 0.002	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~

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

3 ± 0.0003

3

Test Step 1.3 (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	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	<b>✓</b>
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	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.60075355	2.600753427 ± 0.0003	~

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

Test Step 1.4 (Repeat Count = 1)			· ·
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	80000		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	3		
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	112.4917227		
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	66.97642553		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	2.001583517		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	1.241427958		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	3		
Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	80000	80000 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt Pim ShCurrCal.EOLPhscurr1Gain AmpspVolt f32	112.491722	112.4917227 ± 0.002	<b>✓</b>

2016-07-24, 13:49:13+0530



Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	66.9764252	66.97642553 ± 0.002	•
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.00158358	2.001583517 ± 0.0003	•
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.2414279	1.241427958 ± 0.0003	•
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	~

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

Test Step 1.5 (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	<b>~</b>
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	<b>~</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.18893766	1.188937664 ± 0.0003	~

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

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

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

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

2016-07-24, 13:49:13+0530



Name	Input Value		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	2936.428535		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	3		
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	33.2997992		
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	122.3116999		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	1.707488775		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	3		
Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	2936.42847	2936.428535 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	33.2998009	33.2997992 ± 0.002	~
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	122.311699	122.3116999 ± 0.002	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.70748878	1.707488775 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	~

Test Step Call Trace				<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 1.8 (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>

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

Test Step 1.9 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	53535.711		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	2.153545499		
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	20		
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	89.41269803		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	1.333732605		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	2.401153803		
Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	53535.7109	53535.711 ± 0.004	<b>✓</b>
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	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.3337326	1.333732605 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.4011538	2.401153803 ± 0.0003	~



Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte Call Sa CmMtrCurr EOLShCurrCal WriteBlock	1	Rte Call Sa CmMtrCurr EQLShCurrCal WriteBlock	1	~

Test Step 1.10 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	21034.25092		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	2.478393734		
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	125		
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	25.27381909		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	2.40841347		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	2.77820462		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	3		
Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	21034.25	21034.25092 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.47839379	2.478393734 ± 0.0003	•
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	125	125 ± 0.002	~
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	25.273819	25.27381909 ± 0.002	•
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.40841341	2.40841347 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.77820468	2.77820462 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	~

Test Step Call Trace				<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	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	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.37339675	1.373396754 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	3	3 ± 0.0003	<b>✓</b>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte Call Sa CmMtrCurr EOI ShCurrCal WriteBlock	1	Rte Call Sa CmMtrCurr FOLShCurrCal WriteBlock	1	

Test Step 1.12 (Repeat Count = 1)		✓
Name	Input Value	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
ShCurrCalPtr	tgt_ShCurrCalPtr	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal	
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	16814.00812	
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	1.508232653	
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	54.72095644	
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	20	

 $tgt\_Pim\_ShCurrCal.EOLPhscurr2Gain\_AmpspVolt\_f32$ 

tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetLo\_Volts\_f32

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

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

2016-07-24, 13:49:13+0530



20 ± 0.002

3 ± 0.0003

3 ± 0.0003

1.473869264 ± 0.0003

CmMtrCurr_SCom_SetMtrCurrCals	Ro	<b>IZONCA</b>	
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	Re
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	16814.0078	16814.00812 ± 0.004	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.50823259	1.508232653 ± 0.0003	
tot Pim ShCurrCal.EOLPhscurr1Gain AmpspVolt f32	54.7209549	54.72095644 ± 0.002	

20

3

3

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte Call Sa CmMtrCurr EOLShCurrCal WriteBlock	1	Rte Call Sa CmMtrCurr EOLShCurrCal WriteBlock	1	-

1.4738692

Test Step 1.13 (Repeat Count = 1)	Immus Value		
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	<b>✓</b>
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	~

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

Name	Input Value			
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	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	<b>✓</b>	
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	50.3931274	50.39312637 ± 0.002	<b>✓</b>	
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	31.5	31.5 ± 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	<b>✓</b>	
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	1.76653433	1.766534388 ± 0.0003	<b>~</b>	

Test Step Call Trace				<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)			✓
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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.66684794	1.666847944 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	53.5743561	53.57435536 ± 0.002	✓
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	31.6057796	31.60577965 ± 0.002	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1	1 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.03047943	2.030479312 ± 0.0003	~

Test Step Call Trace				<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 1.16 (Repeat Count = 1)			<u> </u>
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	<b>✓</b>
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	<b>✓</b>

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

Test Step 1.17 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	8017.29687		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	3		
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	54.21653891		
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	58.63949418		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	1.5		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	1.932096601		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	3		
Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	8017.29688	8017.29687 ± 0.004	~

2016-07-24, 13:49:13+0530



Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	<b>✓</b>
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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	<b>✓</b>

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

Test Step 1.18 (Repeat Count = 1)			~
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	75440.02895		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	2.472186744		
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	70.57738435		
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	25.72331345		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	1.69007498		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	1		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	1.519740403		
Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	75440.0313	75440.02895 ± 0.004	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.4721868	2.472186744 ± 0.0003	·
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	70.5773849	70.57738435 ± 0.002	~
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	25.7233143	25.72331345 ± 0.002	·
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.69007492	1.69007498 ± 0.0003	-
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1	1 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.51974046	1.519740403 ± 0.0003	·

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

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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	117.990822	117.9908197 ± 0.002	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	122.058647	122.0586476 ± 0.002	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.78573656	2.785736442 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.25303888	2.253039002 ± 0.0003	<b>✓</b>

Test Step Call Trace				<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 1.20 (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	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	<b>✓</b>
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	~

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

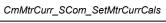
Test Step 1.21 (Repeat Count = 1)	1		
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	3182.965965		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	1.040844321		
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	100.9110069		
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	80.87253261		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	1		
Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	3182.96606	3182.965965 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.04084432	1.040844321 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	100.911003	100.9110069 ± 0.002	~
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	80.8725357	80.87253261 ± 0.002	<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	1 ± 0.0003	<b>✓</b>

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

Test Step 1.22 (Repeat Count = 1)			•
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	71212.31879		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	3		
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	27.82454669		
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	20.53835833		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	1.531606495		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	2.01440233		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	3		
Name	Actual Value	Expected Value	Resul
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	71212.3203	71212.31879 ± 0.004	•
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	•
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	27.8245468	27.82454669 ± 0.002	•

2016-07-24, 13:49:13+0530





Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	20.5383587	20.53835833 ± 0.002	•
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.53160644	1.531606495 ± 0.0003	•
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.01440239	2.01440233 ± 0.0003	•
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	~

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

Test Step 1.23 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	39484.81324		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	1.629736185		
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	86.75763345		
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	85.57103252		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	2.813632131		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	1.351694822		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	1.5		
Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	39484.8125	39484.81324 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.62973619	1.629736185 ± 0.0003	<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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.35169482	1.351694822 ± 0.0003	-
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.5	1.5 ± 0.0003	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte Call Sa CmMtrCurr EOLShCurrCal WriteBlock	1	Rte Call Sa CmMtrCurr EOLShCurrCal WriteBlock	1	_

CmMtrCurr\_SCom\_ReadMtrCurrCals

2016-07-24, 13:48:20+0530



Project CmMtrCurr1

 Module
 CmMtrCurr\_MTRCURRPHASEBC\_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= -DMTRCURRPHASEBC -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= -DMTRCURRPHASEBC -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_MTRCURRPHASEBC_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 Unit Test Plan Version:2 Optimization Level:Level 2 Compiler (CodeGen) Version:TMS470_4.9.5 Model Type:Excel Macro Model Version:Nexteer EPS Unit Test Tool 2.7d/ EPS Library 1.32 Total FLASH Used (Bytes):3176 Total RAM Used (Bytes):3176 Total RAM Used (Bytes):46 Special Test Requirements:NA Test Date: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, MtrCurr1SumLo_Volt_M_f32, MtrCurrSumLo_Volt_M_f32, MtrCurrSumZero_Volt_M_f32, CmMtrCurr_CurrCtfAvgCounter_Cnt_M_u16.  Note4:-In function CurrDQPer1(), variables 'MtrCurrK1_Amps_f32' and 'MtrCurrK2_Amps_f32' are going to very large values."

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

2016-07-24, 13:48:20+0530



Attributes	
Name	Value
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_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
13.00 Cycles TS1.2 TS1.3 TS1.4 TS1.5 TS1.6 TS1.7 TS1.10 TS1.11 TS1.11 TS1.12 TS1.13 TS1.14 TS1.15 TS1.16 TS1.17 TS1.19 TS1.20 TS1.21 TS1.22 13.00 Cycles TS1.23

#### Description

#### VECTOR DESCRIPTION:

TS1.1 All Min

TS1.2 All Max Rtte Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32==>Min Rte\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32==>Max TS1.3 TS1.5 Rte\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32==>Pos
TS1.6 Rte\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32==>Min
TS1.7 Rte\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32==>Max TS1.8 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==>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 IS1.16 Rte Pim\_ShCurrCal.EOLMtrCurr2OffsetLo\_Volts\_f32==>Max 
TS1.17 Rte Pim\_ShCurrCal.EOLMtrCurr2OffsetLo\_Volts\_f32==>Pos 
TS1.18 Rte Pim\_ShCurCal.EOLMtrCurr1OffsetDiff\_Volts\_f32==>Min 
TS1.19 Rte Pim\_ShCurCal.EOLMtrCurr1OffsetDiff\_Volts\_f32==>Max 
TS1.20 Rte Pim\_ShCurCal.EOLMtrCurr1OffsetDiff\_Volts\_f32==>Pos 
TS1.21 Rte Pim\_ShCurCal.EOLMtrCurr2OffsetDiff\_Volts\_f32==>Max 
TS1.22 Rte Pim\_ShCurCal.EOLMtrCurr2OffsetDiff\_Volts\_f32==>Max 
TS1.23 Rte\_Pim\_ShCurCal.EOLMtrCurr2OffsetDiff\_Volts\_f32==>Pos 
TS1.23 Rte\_Pim\_ShCurCal.EOLMtrCurr2OffsetDiff\_Volts\_f32==>Pos 
TS1.23 Rte\_Pim\_ShCurCal.EOLMtrCurr2OffsetDiff\_Volts\_f32==>Pos 
TS1.23 Rte\_Pim\_ShCurCal.EOLMtrCurr2OffsetDiff\_Volts\_f32==>Pos 
TS1.24 Rte\_Pim\_ShCurCal.EOLMtrCurr2OffsetDiff\_Volts\_f32==>Pos 
TS1.25 Rte\_Pim\_ShCurCal.EOLMtrCurr2OffsetDiff\_Volts\_f32==>Pos 
TS1.26 Rte\_Pim\_ShCurCal.EOLMtrCurr2OffsetDiff\_Volts\_f32==>Pos 
TS1.27 Rte\_Pim\_ShCurCal.EOLMtrCurr2OffsetDiff\_Volts\_f32==>Pos 
TS1.28 Rte\_Pim\_ShCurCal.EOLMtrCurr2OffsetDiff\_Volts\_f32==>Pos 
TS1.29 Rte\_Pim\_ShCurCal.EOLMtrCurr2OffsetDiff\_Volts\_f32==>Pos 
TS1.29 Rte\_Pim\_ShCurCal.EOLMtrCurr2OffsetDiff\_Volts\_f32==>Pos 
TS1.29 Rte\_Pim\_ShCurCal.EOLMtrCurr2OffsetDiff\_Volts\_f32==>Pos 
TS1.29 Rte\_Pim\_ShCurCal.EOLMtrCurr2OffsetDiff\_Volts\_f32==>Pos 
TS1.29 Rte\_Pim\_ShCurCal.EOLMtrCurr2OffsetDiff\_Volts\_f32==>Pos 
TS1.20 Rte\_Pim\_ShCurCal.EOLMtrCurr2OffsetDiff\_Volts\_f32==>Pos 
TS1.20 Rte\_Pim\_ShCurCal.EOLMtrCurr2OffsetDiff\_Volts\_f32==>Pos 
TS1.20 Rte\_Pim\_ShCurCal.EOLMtrCurr2OffsetDiff\_Volts\_f32==>Pos 
TS1.20 Rte\_Pim\_ShCurCal.EOLMtrCurr2OffsetDiff\_Volts\_f32==>Pos 
TS1.20 Rte\_Pim\_ShCurCal.EOLMtrCurr2OffsetDiff\_Volts\_f32==>Pos 

TS1.20 Rte\_Pim\_ShCurCal.EOLMtrCurr2OffsetDiff\_Volts\_f32==>Pos 

TS1.20 Rte\_Pim\_ShCurCal.EOLMtrCurr2OffsetDiff\_Volts\_f32==>Pos 

TS1.20 Rte\_Pim\_ShCurCal.EOLMtrCurr2OffsetDiff\_Volts\_f32==>Pos 

TS1.20 Rte\_Pim\_ShCurCal.EOLMtrCurr2OffsetDiff\_Volts\_f32==>Pos 

TS1.20 Rte\_Pim\_ShCurCal.EOLMtrCurr2OffsetDiff\_Volts\_f32==>Pos 

TS1.20 Rte\_Pim\_ShCurCal.EOLMtrCurr2OffsetDiff\_Volts\_f32==>

Test Step 1.1 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	0		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	20		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	20		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	0	0 ± 0.004	<b>✓</b>
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	1	1 ± 0.0003	~
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	20	20 ± 0.002	~
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	20	20 ± 0.002	<b>✓</b>
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	1	1 ± 0.0003	<b>✓</b>
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	1	1 ± 0.0003	<b>✓</b>
tgt ShCurrCalPtr.EOLMtrCurr2OffsetDiff Volts f32	1	1 ± 0.0003	<b>✓</b>

Test Step 1.2 (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	80000
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	125

2016-07-24, 13:48:20+0530



Name	Input Value		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	125		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	80000	80000 ± 0.004	~
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	<b>✓</b>
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	125	125 ± 0.002	<b>✓</b>
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	3	3 ± 0.0003	<b>✓</b>
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	~

Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	0		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.331587493		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	103.1557935		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	122.0438949		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.935399234		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.974394143		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	0	0 ± 0.004	-
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	2.33158755	2.331587493 ± 0.0003	•
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	103.155792	103.1557935 ± 0.002	•
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	122.043892	122.0438949 ± 0.002	•
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	-
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	2.93539929	2.935399234 ± 0.0003	•
tgt ShCurrCalPtr.EOLMtrCurr2OffsetDiff Volts f32	1.9743942	1.974394143 ± 0.0003	<b>✓</b>

Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	80000		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.818840504		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	25.32785773		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	118.9035439		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	80000	80000 ± 0.004	<b>✓</b>
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	1.8188405	1.818840504 ± 0.0003	<b>✓</b>
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	25.327858	25.32785773 ± 0.002	•
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	118.903542	118.9035439 ± 0.002	•
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	<b>✓</b>
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	<b>✓</b>
tgt ShCurrCalPtr.EOLMtrCurr2OffsetDiff Volts f32	3	3 ± 0.0003	<b>✓</b>

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_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	4724.5
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	74.90968764
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	125
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3

CmMtrCurr\_SCom\_ReadMtrCurrCals

2016-07-24, 13:48:20+0530



Name	Input Value			
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.935735285	1.935735285		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.737128913			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
Name	Actual Value	Expected Value	Result	
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	4724.5	4724.5 ± 0.004	~	
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	✓	
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	74.9096909	74.90968764 ± 0.002	<b>✓</b>	
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	125	125 ± 0.002	✓	
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	~	
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	1.93573523	1.935735285 ± 0.0003	✓	
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	2.73712897	2.737128913 ± 0.0003	✓	

Test Step 1.6 (Repeat Count = 1)			✓.
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	23165.28666		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	100.2451305		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	108.9961307		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.667596102		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.72209537		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.579755306		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	23165.2871	23165.28666 ± 0.004	~
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	1	1 ± 0.0003	<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	<b>✓</b>
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	1.72209537	1.72209537 ± 0.0003	~
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	2.57975531	2.579755306 ± 0.0003	~

Test Step 1.7 (Repeat Count = 1)			<b>✓</b>
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	<b>✓</b>
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	104.871002	104.871004 ± 0.002	<b>✓</b>
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	63.3882675	63.38826716 ± 0.002	<b>✓</b>
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	2.06819987	2.068199933 ± 0.0003	~
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	<b>✓</b>
tat ShCurrCalPtr.EOLMtrCurr2OffsetDiff Volts f32	1.40227902	1.40227896 ± 0.0003	<b>✓</b>

Name	Input Value	
Rte Inst Sa CmMtrCurr	tqt 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	

2016-07-24, 13:48:20+0530



CmMtrCurr_	SCom_	ReadMtrCurrCals

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	~
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	<b>✓</b>
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	1.76988685	1.769886792 ± 0.0003	✓
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	20	20 ± 0.002	<b>✓</b>
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	124.879395	124.8793916 ± 0.002	✓
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	2.06673265	2.066732585 ± 0.0003	<b>✓</b>
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	2.70938802	2.709388077 ± 0.0003	✓
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	1.0934633	1.093463361 ± 0.0003	~

Test Step 1.10 (Repeat Count = 1)			
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	60858.64799		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.269689679		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	125		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	47.39485669		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.612916946		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.820814729		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	60858.6484	60858.64799 ± 0.004	~
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	1.26968968	1.269689679 ± 0.0003	<b>✓</b>
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	125	125 ± 0.002	~
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	47.3948555	47.39485669 ± 0.002	<b>✓</b>
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	<b>✓</b>

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	<b>~</b>
tot ShCurrCalPtr.EOLMtrCurr2OffsetDiff Volts f32	1.73244011	1.732440114 ± 0.0003	<b>✓</b>

Test Step 1.13 (Repeat Count = 1)			~
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	3628.265911		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	112.832647		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	125		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.41831392		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	3628.26587	3628.265911 ± 0.004	~
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	112.832649	112.832647 ± 0.002	~
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	125	125 ± 0.002	~
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	1.41831386	1.41831392 ± 0.0003	<b>✓</b>
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	<b>✓</b>
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	<b>✓</b>



Test Step 1.14 (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	33123.02985		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.891774058		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	64.16472912		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	47.5		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.182928801		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.2926687		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.400485039		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	33123.0313	33123.02985 ± 0.004	~
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	1.89177406	1.891774058 ± 0.0003	~
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	64.1647263	64.16472912 ± 0.002	~
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	47.5	47.5 ± 0.002	~
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	1.1829288	1.182928801 ± 0.0003	~
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	1.2926687	1.2926687 ± 0.0003	•
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	2.40048504	2.400485039 ± 0.0003	~

Test Step 1.15 (Repeat Count = 1)			•
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	69010.40985		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.705846727		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	33.04677856		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	93.41007292		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.183338583		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	69010.4063	69010.40985 ± 0.004	~
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	1.70584679	1.705846727 ± 0.0003	<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	~

Test Step 1.16 (Repeat Count = 1)			
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	63239.19189		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.441424131		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	121.1407425		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	31.70100594		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.190965533		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	63239.1914	63239.19189 ± 0.004	•
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	2.44142413	2.441424131 ± 0.0003	•
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	121.140739	121.1407425 ± 0.002	•
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	31.7010059	31.70100594 ± 0.002	•
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	•
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	•
tgt ShCurrCalPtr.EOLMtrCurr2OffsetDiff Volts f32	2.19096541	2.190965533 ± 0.0003	•



Test Step 1.17 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	29883.2671		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.763805687		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	104.5135137		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	31.63228405		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.5		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.804396451		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.695967615		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	29883.2676	29883.2671 ± 0.004	<b>✓</b>
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	1.76380563	1.763805687 ± 0.0003	✓
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	104.513512	104.5135137 ± 0.002	<b>✓</b>
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	31.6322842	31.63228405 ± 0.002	✓
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	2.5	2.5 ± 0.0003	<b>✓</b>
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	1.80439651	1.804396451 ± 0.0003	<b>✓</b>
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	1.69596767	1.695967615 ± 0.0003	

Test Step 1.18 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	76957.215		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.021819711		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	93.80621099		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	50.80121827		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.274787426		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.807975531		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	76957.2188	76957.215 ± 0.004	~
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	2.02181983	2.021819711 ± 0.0003	<b>✓</b>
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	93.8062134	93.80621099 ± 0.002	<b>✓</b>
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	50.8012199	50.80121827 ± 0.002	<b>✓</b>
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	2.27478743	2.274787426 ± 0.0003	~
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	1	1 ± 0.0003	•
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	2.80797553	2.807975531 ± 0.0003	~

Test Step 1.19 (Repeat Count = 1)			~
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	69716.53822		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.134801567		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	62.57008684		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	62.28110993		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.561323225		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.653409302		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	69716.5391	69716.53822 ± 0.004	~
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	1.13480163	1.134801567 ± 0.0003	~
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	62.5700874	62.57008684 ± 0.002	~
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	62.2811089	62.28110993 ± 0.002	<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)			<b>✓</b>
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	4499.005288		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.447284222		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	21.72755599		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	79.25635195		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.486444831		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.5		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.385235429		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	4499.00537	4499.005288 ± 0.004	~
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	2.44728422	2.447284222 ± 0.0003	<b>✓</b>
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	21.7275562	21.72755599 ± 0.002	·
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	79.2563553	79.25635195 ± 0.002	<b>✓</b>
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	2.48644495	2.486444831 ± 0.0003	<b>~</b>
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	2.5	2.5 ± 0.0003	•
tgt ShCurrCalPtr.EOLMtrCurr2OffsetDiff Volts f32	2.38523555	2.385235429 ± 0.0003	<b>✓</b>

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	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	-
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	~

Test Step 1.22 (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	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	<b>✓</b>
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	<b>✓</b>
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	<b>✓</b>

2016-07-24, 13:48:20+0530



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	•

2016-07-24, 13:45:50+0530



CmMtrCurr\_SCom\_CalGain

Project CmMtrCurr1

Module CmMtrCurr\_MTRCURRPHASEBC\_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= -DMTRCURRPHASEBC -I\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\$(PROJECTROOT)\CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\$(PROJECTROOT)\CmMtrCurr\utp\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= -DMTRCURRPHASEBC -I\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\$(PROJECTROOT)\CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\$(PROJECTROOT)\CmMtrCurr\utp\\indt

Comments/Description/Spe	omments/Description/Specification	
Name	Text	



CmMtrCurr\_SCom\_CalGain

Module 'CmMtrCurr MTRCURRPHASEBC 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	<pre>\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_Ps.tpl</pre>
Target Install Path	\$(ProgramFiles)\pls\UDE 4.4
Time Unit	cycles
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy Work Area\CmMtrCurr FDD1C 010.0 NoUTP\UnitTestEnv\config\UDE TMS570 DEBUG.WSP



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

Specification

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

TC1.1 778.00 Cycles TC1.2 839.00 Cycles

#### Description

VECTOR DESCRIPTION:

TS1.1 Shortest Execution Path==> ((Abs\_f32\_m(MtrVel\_MtrRadpS\_T\_f32) < k\_MaxCurrOffMtrVel\_RadpS\_f32) = FALSE && (CmMtrCurr\_CurrentGainSvc\_Cnt\_M\_lgc == TRUE) = False)
TS1.2 "Longest Execution Path==> ((Abs\_f32\_m(MtrVel\_MtrRadpS\_T\_f32) < k\_MaxCurrOffMtrVel\_RadpS\_f32) = True && (CmMtrCurr\_CurrentGainSvc\_Cnt\_M\_lgc == TRUE) = True);
(VehSpd\_Kph\_T\_f32 < FLT\_EPSILON) = True && (VhSpdValid\_T\_Cnt\_lgc == TRUE) = True;
(MtrCurr2Gain\_AmpspVolt\_T\_f32 >= k\_MtrCurrEOLMinGain\_AmpspVolts\_f32) = True && (MtrCurr2Gain\_AmpspVolt\_T\_f32 <= k\_MtrCurrEOLMaxGain\_AmpspVolts\_f32) = True && (MtrCurr1Gain\_AmpspVolt\_T\_f32 <= k\_MtrCurrEOLMinGain\_AmpspVolts\_f32) = True && (MtrCurr1Gain\_AmpspVolt\_T\_f32 <= k\_MtrCurrEOLMaxGain\_AmpspVolts\_f32) False"

Test Step 1.1 (Repeat Count = 1)			<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_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	23.0745354		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	54.4717789			
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	39.4476624	39.4476624		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_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	_	

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

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

# **TEST DETAILS REPORT**

2016-07-24, 13:45:50+0530



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



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

Specification

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

CPU Cycles:

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

© Report created by TESSY V3.1.13, report template V2.1

5



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_	MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_	VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_	VhSpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	10		
k_MaxCurrOffMtrVel_RadpS_f32	-20		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	20		
k_MtrCurrEOLMinGain_AmpspVolts_f32	20		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	20		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	20		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	-1118		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	0		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	0		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	34	34	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	20	20	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	20	20	<b>✓</b>

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

Test Step 2.2 (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_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	100		
k_MaxCurrOffMtrVel_RadpS_f32	20		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	125		
k_MtrCurrEOLMinGain_AmpspVolts_f32	125		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	125		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	125		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	1118		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	255		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	34	34	•
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	125	125	•
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	125	125	•

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



Test Step 2.3 (Repeat Count = 1)			<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>

Test Step Call Trace				<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 2.4 (Repeat Count = 1)			4
Name	Inmut Value		·
	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	0.80455792		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	2.5402112		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.63160253		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.09609175		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrR	adpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph	_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_	Cnt_lgc_data	
k_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	~

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



Test Step 2.5 (Repeat Count = 1)			<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_N	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	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	<b>✓</b>

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

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	~

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



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

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

Test Step 2.8 (Repeat Count = 1)			
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	4.31525755		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	1.4392966		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_	_MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_	_VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_	_VhSpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	65.5278931		
k_MaxCurrOffMtrVel_RadpS_f32	3.73730636		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	55.389286		
k_MtrCurrEOLMinGain_AmpspVolts_f32	66.9764252		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	112.832649		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	125		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	3		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	0		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	20	20	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	112.832649	112.832649	<b>✓</b>
tgt Pim ShCurrCal.EOLPhscurr2Gain AmpspVolt f32	125	125	<b>✓</b>

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

 $tgt\_Pim\_ShCurrCal.EOLPhscurr1Gain\_AmpspVolt\_f32$ 

 $tgt\_Pim\_ShCurrCal.EOLPhscurr2Gain\_AmpspVolt\_f32$ 

CmMtrCurr\_SCom\_CalGain



Test Step 2.9 (Repeat Count = 1) Input Value Name  $CmMtrCurr\_CurrentGainSvc\_Cnt\_M\_lgc$ CmMtrCurr\_FiltMtrCurr1\_Volt\_M\_f32 1.46488023 0.315663815 CmMtrCurr\_FiltMtrCurr2\_Volt\_M\_f32 CmMtrCurr\_MtrCurr1OffsetZero\_Volt\_M\_f32 1.05782449  $CmMtrCurr\_MtrCurr2OffsetZero\_Volt\_M\_f32$ Rte\_Inst\_Sa\_CmMtrCurr tgt\_Rte\_Inst\_Sa\_CmMtrCurr tgt\_Rte\_Read\_Sa\_CmMtrCurr\_MtrVel\_MtrRadpS\_f32\_data  $Rte\_Read\_Sa\_CmMtrCurr\_MtrVel\_MtrRadpS\_f32(data)$ Rte\_Read\_Sa\_CmMtrCurr\_VehSpd\_Kph\_f32(data) tgt\_Rte\_Read\_Sa\_CmMtrCurr\_VehSpd\_Kph\_f32\_data Rte\_Read\_Sa\_CmMtrCurr\_VhSpdValid\_Cnt\_lgc(data) tgt\_Rte\_Read\_Sa\_CmMtrCurr\_VhSpdValid\_Cnt\_lgc\_data  $k\_CurrGainNumerator\_Amps\_f32$ 73.1418304 k MaxCurrOffMtrVel RadpS f32 5.8294816 109.092964  $k\_MtrCurrEOLMaxGain\_AmpspVolts\_f32$ 92.6149826 k MtrCurrEOLMinGain AmpspVolts f32 64.1647263  $tgt\_Pim\_ShCurrCal.EOLPhscurr1Gain\_AmpspVolt\_f32$ tgt\_Pim\_ShCurrCal.EOLPhscurr2Gain\_AmpspVolt\_f32  $tgt\_Rte\_Inst\_Sa\_CmMtrCurr.Pim\_ShCurrCal$ tgt\_Pim\_ShCurrCal  $tgt\_Rte\_Read\_Sa\_CmMtrCurr\_MtrVel\_MtrRadpS\_f32\_data$  $tgt\_Rte\_Read\_Sa\_CmMtrCurr\_VehSpd\_Kph\_f32\_data$ 255  $tgt\_Rte\_Read\_Sa\_CmMtrCurr\_VhSpdValid\_Cnt\_lgc\_data$ 0 **Actual Value Expected Value** Result CmMtrCurr\_SCom\_CalGain() 34

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

64.1647263

31

64.1647263

31

Test Step 2.10 (Repeat Count = 1)			
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	5		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	4.6822896		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.96990252		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.39276075		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_	MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_	VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_	VhSpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	87.3520889		
k_MaxCurrOffMtrVel_RadpS_f32	14		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	94.9676437		
k_MtrCurrEOLMinGain_AmpspVolts_f32	49.8012352		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	33.0467796		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	31.6057796		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	13		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	112.221352		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	21	21	•
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	33.0467796	33.0467796	•
tgt Pim ShCurrCal.EOLPhscurr2Gain AmpspVolt f32	31.6057796	31.6057796	•

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



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

Test Step Call Trace				<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 2.12 (Repeat Count = 1)			
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	4.34404659		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	0.817958236		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.36003387		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.59666729		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_	MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_	VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_	VhSpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	45.8946037		
k_MaxCurrOffMtrVel_RadpS_f32	6.0018301		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	42.0015259		
k_MtrCurrEOLMinGain_AmpspVolts_f32	39.4476624		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	104.513512		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	58.6394958		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	5		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	31.509201		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	21	21	•
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	104.513512	104.513512	•
tgt Pim ShCurrCal.EOLPhscurr2Gain AmpspVolt f32	58.6394958	58.6394958	•

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

tgt\_Pim\_ShCurrCal.EOLPhscurr2Gain\_AmpspVolt\_f32

CmMtrCurr\_SCom\_CalGain



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

Test Step Call Trace				<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	~

25.7233143

25.7233143

Name	Immut Value			
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_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_\	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data		
k_CurrGainNumerator_Amps_f32	34.4000244	34.4000244		
k_MaxCurrOffMtrVel_RadpS_f32	-20			
k_MtrCurrEOLMaxGain_AmpspVolts_f32	69.7639389			
k_MtrCurrEOLMinGain_AmpspVolts_f32	25.273819			
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	62.5700874			
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	122.058647			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	-1044.89429			
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	204.108109	204.108109		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1			
Name	Actual Value	Expected Value	Resul	
CmMtrCurr_SCom_CalGain()	34	34	•	
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	62.5700874	62.5700874		
tot Pim ShCurrCal.EOLPhscurr2Gain AmpspVolt f32	122.058647	122.058647	•	

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

CmMtrCurr\_SCom\_CalGain()

 $tgt\_Pim\_ShCurrCal.EOLPhscurr1Gain\_AmpspVolt\_f32$ 

tgt\_Pim\_ShCurrCal.EOLPhscurr2Gain\_AmpspVolt\_f32



Result

Test Step 2.15 (Repeat Count = 1) Input Value Name  $CmMtrCurr\_CurrentGainSvc\_Cnt\_M\_lgc$ CmMtrCurr\_FiltMtrCurr1\_Volt\_M\_f32 3.61595106 CmMtrCurr\_FiltMtrCurr2\_Volt\_M\_f32 5 CmMtrCurr\_MtrCurr1OffsetZero\_Volt\_M\_f32  $CmMtrCurr\_MtrCurr2OffsetZero\_Volt\_M\_f32$ 1.04681456 Rte\_Inst\_Sa\_CmMtrCurr tgt\_Rte\_Inst\_Sa\_CmMtrCurr Rte\_Read\_Sa\_CmMtrCurr\_MtrVel\_MtrRadpS\_f32(data) tgt\_Rte\_Read\_Sa\_CmMtrCurr\_MtrVel\_MtrRadpS\_f32\_data Rte\_Read\_Sa\_CmMtrCurr\_VehSpd\_Kph\_f32(data) tgt\_Rte\_Read\_Sa\_CmMtrCurr\_VehSpd\_Kph\_f32\_data Rte\_Read\_Sa\_CmMtrCurr\_VhSpdValid\_Cnt\_lgc(data)  $tgt\_Rte\_Read\_Sa\_CmMtrCurr\_VhSpdValid\_Cnt\_lgc\_data$ 71.7374725  $k\_CurrGainNumerator\_Amps\_f32$ k MaxCurrOffMtrVel RadpS f32 20 33.1933517  $k\_MtrCurrEOLMaxGain\_AmpspVolts\_f32$ 112.796776 k MtrCurrEOLMinGain AmpspVolts f32  $tgt\_Pim\_ShCurrCal.EOLPhscurr1Gain\_AmpspVolt\_f32$ 21.7275562 tgt\_Pim\_ShCurrCal.EOLPhscurr2Gain\_AmpspVolt\_f32 125 tgt\_Pim\_ShCurrCal  $tgt\_Rte\_Inst\_Sa\_CmMtrCurr.Pim\_ShCurrCal$  $tgt\_Rte\_Read\_Sa\_CmMtrCurr\_MtrVel\_MtrRadpS\_f32\_data$ -1068.23291  $tgt\_Rte\_Read\_Sa\_CmMtrCurr\_VehSpd\_Kph\_f32\_data$ 178.248962  $tgt\_Rte\_Read\_Sa\_CmMtrCurr\_VhSpdValid\_Cnt\_lgc\_data$ 

Test Step Call Trace				<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	<b>~</b>

**Actual Value** 

21.7275562

34

125

**Expected Value** 

21.7275562

125

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_	MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_VehSpc	I_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data		
k_CurrGainNumerator_Amps_f32	46.0540466		
k_MaxCurrOffMtrVel_RadpS_f32	16.4224472		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	36.7433815		
k_MtrCurrEOLMinGain_AmpspVolts_f32	25.7839298		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	37.7828598		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	80.8725357		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	-305.718506		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	102.810776		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	34	34	~
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	37.7828598	37.7828598	~
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	80.8725357	80.8725357	~

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

tgt\_Pim\_ShCurrCal.EOLPhscurr2Gain\_AmpspVolt\_f32

CmMtrCurr\_SCom\_CalGain



Test Step 2.17 (Repeat Count = 1)					
Name	Input Value	Input Value			
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1				
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	2.77047086				
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	1.35728502				
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3				
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	5				
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr				
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_	MtrVel_MtrRadpS_f32_data			
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_	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	85.930069				
k_MaxCurrOffMtrVel_RadpS_f32	0				
k_MtrCurrEOLMaxGain_AmpspVolts_f32	72.9535217				
k_MtrCurrEOLMinGain_AmpspVolts_f32	71.5293884				
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	37.4088211				
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	20.5383587				
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal				
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	-117.319763				
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	4.17221069				
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	0				
Name	Actual Value	Expected Value	Result		
CmMtrCurr_SCom_CalGain()	34	34	~		
tgt Pim ShCurrCal.EOLPhscurr1Gain AmpspVolt f32	37.4088211	37.4088211	<b>✓</b>		

Test Step Call Trace				<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	~

20.5383587

20.5383587

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_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_\	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data		
k_CurrGainNumerator_Amps_f32	49.3872719	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	Resul	
CmMtrCurr_SCom_CalGain()	34	34		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	74.0303192	74.0303192		
tgt Pim ShCurrCal.EOLPhscurr2Gain AmpspVolt f32	85.5710297	85.5710297		

Test Step Call Trace				
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	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_	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data		
k_CurrGainNumerator_Amps_f32	46.0540466	46.0540466		
k_MaxCurrOffMtrVel_RadpS_f32	10			
k_MtrCurrEOLMaxGain_AmpspVolts_f32	36.7433815			
k_MtrCurrEOLMinGain_AmpspVolts_f32	25.7839298			
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	37.7828598			
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	80.8725357			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	-305.718506			
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	102.810776			
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_SCom_CalGain()	34	34	~	
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	37.7828598 37.7828598			
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	80.8725357	80.8725357	~	

Test Step Call Trace				<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_Kph_f32_data		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data		
k_CurrGainNumerator_Amps_f32	10		
k_MaxCurrOffMtrVel_RadpS_f32	11.5441637		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	92.1178284		
k_MtrCurrEOLMinGain_AmpspVolts_f32	31.6057796		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	93.8062134		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	41.77005		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	11		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.92092902e-008		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	20	20	~
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	93.8062134	93.8062134	-
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	41.77005	41.77005	-

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



Test Step 2.21 (Repeat Count = 1)			<b>✓</b>	
Name	Input Value			
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1	1		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	0.390951276	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_N	/trVel_MtrRadpS_f32_data		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_V	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	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	<b>✓</b>	

Test Step Call Trace				<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 Igc	1	<b>✓</b>

Test Step 2.22 (Repeat Count = 1)				
Name	Input Value			
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1	1		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	0.943365812			
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	0.601289749			
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3			
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.96839261			
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr			
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_	MtrVel_MtrRadpS_f32_data		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_	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	71.7374725	71.7374725		
k_MaxCurrOffMtrVel_RadpS_f32	10	10		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	25.501339			
k_MtrCurrEOLMinGain_AmpspVolts_f32	58.6394958			
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	21.7275562			
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	92.6149826			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	9			
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.720929e-008			
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_SCom_CalGain()	20	20	•	
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	21.7275562	21.7275562	•	
tgt Pim ShCurrCal.EOLPhscurr2Gain AmpspVolt f32	92.6149826	92.6149826	•	

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



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

Test Step Call Trace				<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)			✓	
Name	Input Value			
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1	1		
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_M	trVel_MtrRadpS_f32_data		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_V	tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_V	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data		
k_CurrGainNumerator_Amps_f32	91.8181686	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	<b>✓</b>	
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	35.7468796	35.7468796	~	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	<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_\	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	29.8067837	29.8067837		
k_MaxCurrOffMtrVel_RadpS_f32	7.63191891			
k_MtrCurrEOLMaxGain_AmpspVolts_f32	83.0960236			
k_MtrCurrEOLMinGain_AmpspVolts_f32	122.058647			
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	37.4088211			
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	122.311699			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	7			
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.82092901e-008			
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_SCom_CalGain()	20	20	-	
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	37.4088211 37.4088211			
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	122.311699	122.311699	-	

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

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	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	tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data		
k_CurrGainNumerator_Amps_f32	99.3749237	99.3749237		
k_MaxCurrOffMtrVel_RadpS_f32	12	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	<b>✓</b>	

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



Test Step 2.27 (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_\	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	97.881012	97.881012		
k_MaxCurrOffMtrVel_RadpS_f32	6.55960798	6.55960798		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	102.735748			
k_MtrCurrEOLMinGain_AmpspVolts_f32	80.8725357			
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	103.155792			
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	89.4126968			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	6.23000002			
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.52092898e-008			
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_SCom_CalGain()	20	20	~	
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	103.155792	103.155792	~	
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	89.4126968	89.4126968	~	

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

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

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



Test Step 2.29 (Repeat Count = 1)			<b>✓</b>	
Name	Input Value			
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1			
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	2.07940292	2.07940292		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	2.44428372	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	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	57.5751991	57.5751991		
k_MaxCurrOffMtrVel_RadpS_f32	12	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		

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

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

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



Test Step 2.31 (Repeat Count = 1)			<b>✓</b>	
Name	Input Value			
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1			
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	2.88392043	2.88392043		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	5	5		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	5			
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3			
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr			
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_I	MtrVel_MtrRadpS_f32_data		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	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	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	~	
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	104.871002	104.871002	✓	
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	125	125	<b>✓</b>	

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

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

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



Test Step 2.33 (Repeat Count = 1)			<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	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data		
k_CurrGainNumerator_Amps_f32	68.5189056	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>	

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

Test Step 2.34 (Repeat Count = 1)			J.
Name	Innut Value		·
	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	0.411308885		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	0.266846538		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	5		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrR	adpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kpl	n_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data		
k_CurrGainNumerator_Amps_f32	65.7517548		
k_MaxCurrOffMtrVel_RadpS_f32	15		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	61.3199501		
k_MtrCurrEOLMinGain_AmpspVolts_f32	90.8617935		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	125		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	30.4687443		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	14		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.82092901e-008		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	20	20	~
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	125	125	~
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	30.4687443	30.4687443	~

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



Test Step 2.35 (Repeat Count = 1)			<b>a</b>	
Name	Input Value		_	
CmMtrCurr CurrentGainSvc Cnt M Igc	1			
CmMtrCurr FiltMtrCurr1 Volt M f32	0.798796892			
CmMtrCurr FiltMtrCurr2 Volt M f32	4.88477182			
CmMtrCurr MtrCurr1OffsetZero Volt M f32	3			
CmMtrCurr MtrCurr2OffsetZero Volt M f32	2.88936687			
Rte Inst Sa CmMtrCurr	tgt Rte Inst Sa CmMtrCurr			
Rte Read Sa CmMtrCurr MtrVel MtrRadpS f32(data)	tgt Rte Read Sa CmMtrCurr MtrVel MtrRadpS f3:	2 data		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_da	_		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	tgt Rte Read Sa CmMtrCurr VhSpdValid Cnt Igc data		
k_CurrGainNumerator_Amps_f32	87.710968	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 Exped	cted Value	Result	
CmMtrCurr_SCom_CalGain()	20 20		~	
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	53 53		-	
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	29.3317089 29.331	7089	~	

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

Test Step 2.36 (Repeat Count = 1)			<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_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	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data		
k_CurrGainNumerator_Amps_f32	43.4224968	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	<b>✓</b>	
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	28.1946735	28.1946735	<b>✓</b>	

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





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

Test Step Call Trace				<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	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 MtrPadnS f32 data		
Rte Read Sa CmMtrCurr VehSpd Kph f32(data)	tgt_Rte_Read_Sa_CmMtrCurr			
Rte Read Sa CmMtrCurr VhSpdValid Cnt Igc(data)	tgt_rtte_rtcad_oa_crimitrouri_			
k CurrGainNumerator Amps f32	56.0292397	viiopuvaliu_Ont_igo_data		
k MaxCurrOffMtrVel RadpS f32	0.77640003			
k MtrCurrEOLMaxGain AmpspVolts f32	85.7566376			
k MtrCurrEOLMinGain AmpspVolts f32	59.6098213			
tqt 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	-			
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.92092902e-008			
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_SCom_CalGain()	20	20	· ·	
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	64.1647263	64.1647263	•	
tgt Pim ShCurrCal.EOLPhscurr2Gain AmpspVolt f32	25.9206028	25.9206028		

Test Step Call Trace				<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 2.39 (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>

Test Step Call Trace				<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 Igc	1	<b>✓</b>

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

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



Test Step 2.41 (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_N	/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	44.1205254		
k_MaxCurrOffMtrVel_RadpS_f32	8.59965611		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	125		
k_MtrCurrEOLMinGain_AmpspVolts_f32	59.6098213		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	121.140739		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	23.6465321		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	8		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.32092897e-008		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	20	20	✓
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	121.140739	121.140739	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	23.6465321	23.6465321	<u> </u>

Test Step Call Trace				<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 Igc	1	<b>✓</b>

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

Test Step Call Trace				<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()

 $tgt\_Pim\_ShCurrCal.EOLPhscurr1Gain\_AmpspVolt\_f32$ 

tgt\_Pim\_ShCurrCal.EOLPhscurr2Gain\_AmpspVolt\_f32



Result

Test Step 2.43 (Repeat Count = 1)	
Name	Input Value
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	3.30681849
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	1.26103485
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.50823259
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.98266852
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data
k_CurrGainNumerator_Amps_f32	46.0540466
k_MaxCurrOffMtrVel_RadpS_f32	16.4224472
k_MtrCurrEOLMaxGain_AmpspVolts_f32	110
k_MtrCurrEOLMinGain_AmpspVolts_f32	25.7839298
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	37.7828598
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	80.8725357
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	-305.718506
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	102.810776
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1

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

**Actual Value** 

37.7828598

80.8725357

**Expected Value** 

37.7828598

80.8725357

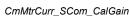
Test Step 2.44 (Repeat Count = 1)			J.
Name	Input Value		
CmMtrCurr CurrentGainSvc Cnt M lgc	1		
CmMtrCurr FiltMtrCurr1 Volt M f32	4.94060135		
CmMtrCurr FiltMtrCurr2 Volt M f32	2.25965905		
CmMtrCurr MtrCurr1OffsetZero Volt M f32	3		
CmMtrCurr MtrCurr2OffsetZero Volt M f32	1.89822912		
Rte Inst Sa CmMtrCurr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

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



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_N	/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	14.9700756		
k_MaxCurrOffMtrVel_RadpS_f32	12.8847237		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	20		
k_MtrCurrEOLMinGain_AmpspVolts_f32	66		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	33.0467796		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	24.7835674		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	12		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.42092897e-008		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	0		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	21	21	~
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	33.0467796	33.0467796	~
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	24.7835674	24.7835674	~

Test Step Call Trace				<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	~





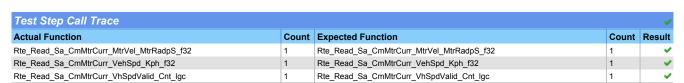
```
Test Case 3: Path Test
                                                                                                    Performance Metrics : [With "None" Instrumentation and WithPS Environment]
Specification
                                                                                                    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*if (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*if (MtrCurr2Gain_AmpspVolt_T_f32 >= k_MtrCurrEOLMinGain_AmpspVolts_f32) )*
TS3.9*if (MtrCurr2Gain_AmpspVolt_T_f32 >= k_MtrCurrEOLMinGain_AmpspVolts_f32) ==>True &&
(MtrCurr1Gain_AmpspVolt_T_f32 <= k_MtrCurrEOLMaxGain_AmpspVolts_f32) ==>True &&
(MtrCurr1Gain_AmpspVolt_T_f32 >= k_MtrCurrEOLMinGain_AmpspVolts_f32) ==>False &&
(MtrCurr1Gain_AmpspVolt_T_f32 <= k_MtrCurrEOLMaxGain_AmpspVolts_f32) ==>True &&
(MtrCurr2Gain_AmpspVolt_T_f32 <= k_MtrCurrEOLMinGain_AmpspVolts_f32) ==>True &&
(MtrCurr2Gain_AmpspVolt_T_f32 <= k_MtrCurrEOLMinGain_AmpspVolts_f32) ==>True &&
(MtrCurr2Gain_AmpspVolt_T_f32 <= k_MtrCurrEOLMinGain_AmpspVolts_f32) ==>True &&
(MtrCurr1Gain_AmpspVolt_T_f32 <= k_MtrCurrEOLMaxGain_AmpspVolts_f32) ==>False )*
TS3.10* (Abs_f32_m(CmMtrCurr_FiltMtrCurr1_Volt_M_f32 - CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32) > FLT_EPSILON)=false
TS3.12* (Abs_f32_m(CmMtrCurr_FiltMtrCurr1_Volt_M_f32 - CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32) > FLT_EPSILON)=false
```

Test Step 3.1 (Repeat Count = 1)			•
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	0		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	0		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_	_MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_	VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_	_VhSpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	10		
k_MaxCurrOffMtrVel_RadpS_f32	-20		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	20		
k_MtrCurrEOLMinGain_AmpspVolts_f32	20		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	20		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	20		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	-1118		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	0		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Resul
CmMtrCurr_SCom_CalGain()	34	34	•
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	20	20	•
tgt Pim ShCurrCal.EOLPhscurr2Gain AmpspVolt f32	20	20	

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

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_N	/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	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	✓

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

Test Step 3.3 (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_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	73.1418304		
k_MaxCurrOffMtrVel_RadpS_f32	5.8294816		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	109.092964		
k_MtrCurrEOLMinGain_AmpspVolts_f32	92.6149826		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	64.1647263		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	31		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	5		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	255		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	21	21	-
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	64.1647263	64.1647263	•
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	31	31	•



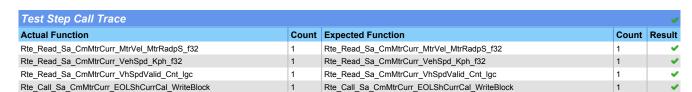
Test Step Call Trace							
Actual Function	Count	Expected Function	Count	Result			
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	-			
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	-			
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc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

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

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	<b>~</b>	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~	

Test Step 3.5 (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_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	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>





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_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	73.1418304		
k_MaxCurrOffMtrVel_RadpS_f32	5.8294816		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	109.092964		
k_MtrCurrEOLMinGain_AmpspVolts_f32	92.6149826		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	64.1647263		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	31		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	5		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	255		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	0		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	34	34	•
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	64.1647263	64.1647263	•
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	31	31	•

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	<b>~</b>
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~

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		
k_MaxCurrOffMtrVel_RadpS_f32	12.8847237		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	20		
k_MtrCurrEOLMinGain_AmpspVolts_f32	66		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	33.0467796		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	24.7835674		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	12		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.42092897e-008		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	0		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	21	21	~
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	33.0467796	33.0467796	~
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	24.7835674	24.7835674	~



Test Step Call Trace					
	Actual Function	Count	Expected Function	Count	Result
	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~
	Rte Read Sa CmMtrCurr VhSpdValid Cnt loc	1	Rte Read Sa CmMtrCurr VhSpdValid Cnt lgc	1	<b>✓</b>

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_N	/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	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	

Actual Function Rte Read Sa CmMtrCurr MtrVel MtrRadpS f32	1	Expected Function  Rte Read Sa CmMtrCurr MtrVel MtrRadpS f32	Count	Result
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	•
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~

Test Step 3.9 (Repeat Count = 1)			V
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	0.798796892		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	4.88477182		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_	MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_	VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_	VhSpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	87.710968		
k_MaxCurrOffMtrVel_RadpS_f32	10.6504936		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	71.788269		
k_MtrCurrEOLMinGain_AmpspVolts_f32	42.4383621		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	53		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	29.3317089		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	10		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.720929e-008		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	20	20	~
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	53	53	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	29.3317089	29.3317089	~

Test Step Call Trace
Actual Function

 $Rte\_Read\_Sa\_CmMtrCurr\_MtrVel\_MtrRadpS\_f32$ 

 $Rte\_Read\_Sa\_CmMtrCurr\_VhSpdValid\_Cnt\_lgc$ 

Rte\_Read\_Sa\_CmMtrCurr\_VehSpd\_Kph\_f32



Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	•	
		D. D. LO. O. M.O. M.O. N. F. LO. L.			

Test Step 3.10 (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_MtrVe	l_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_VehS	pd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_VhSp	dValid_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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	62.5700874	62.5700874	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	66.9764252	66.9764252	

Count Expected Function

1

1

 $Rte\_Read\_Sa\_CmMtrCurr\_MtrVel\_MtrRadpS\_f32$ 

Rte\_Read\_Sa\_CmMtrCurr\_VehSpd\_Kph\_f32

 $Rte\_Read\_Sa\_CmMtrCurr\_VhSpdValid\_Cnt\_lgc$ 

Name	Input Value
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	1.94878829
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	0
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	0
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data
CurrGainNumerator_Amps_f32	68.7071075
<pre>&lt;_MaxCurrOffMtrVel_RadpS_f32</pre>	13.807971
<_MtrCurrEOLMaxGain_AmpspVolts_f32	50
_MtrCurrEOLMinGain_AmpspVolts_f32	30
gt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	103.155792
gt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	41.77005
gt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal
gt_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

**Actual Value** 

103.155792

41.77005

**Expected Value** 

103.155792

41.77005

 $tgt\_Pim\_ShCurrCal.EOLPhscurr1Gain\_AmpspVolt\_f32$ 

 $tgt\_Pim\_ShCurrCal.EOLPhscurr2Gain\_AmpspVolt\_f32$ 

Name

CmMtrCurr\_SCom\_CalGain()

Result

Count Result

# **TEST DETAILS REPORT**

2016-07-24, 13:45:50+0530



Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	•
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_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	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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	103.155792	103.155792	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	41.77005	41.77005	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	•
Rte Read Sa CmMtrCurr VhSpdValid Cnt Igc	1	Rte Read Sa CmMtrCurr VhSpdValid Cnt Igc	1	<b>✓</b>

# **TEST DETAILS REPORT**

2016-07-24, 13:40:27+0530



CmMtrCurr\_Per2

Project CmMtrCurr1

Module CmMtrCurr\_MTRCURRPHASEBC\_ON

Test Object CmMtrCurr\_Per2

## Instrumentation: Test Object Only

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

### **Statistics**

Total Testcases	3	
Successful	3	~
Failed	0	
Not Executed	0	

## **Module Properties**

Project Root Directory	D:\Synergy_Work_Area\CmMtrCurr_FDD1C_010.0_NoUTP
Configuration File	D:\Synergy_Work_Area\CmMtrCurr_FDD1C_010.0_NoUTP\UnitTestEnv\config \TMS570_GCC_UDE_CCS4_Config.xml
Target Environment	TI TMS 570 PLS UDE (Default)
Kind of Test	Unit Test
Linker Options	
Source File(s)	
File	\$(PROJECTROOT)\CmMtrCurr\src\Sa_CmMtrCurr.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -DMTRCURRPHASEBC -I\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\$(PROJECTROOT)\CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\$(PROJECTROOT)\CmMtrCurr\utp\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= -DMTRCURRPHASEBC -I\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\$(PROJECTROOT)\CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\$(PROJECTROOT)\CmMtrCurr\utp\\indt

Comments/Description/Spe	ecification
Name	Text



Module 'CmMtrCurr MTRCURRPHASEBC 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	<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 Performance Met

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)			✓
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_MtrCurrA	Angle_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrk	<1_Amp_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrk	<2_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	<b>→</b>
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>

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

Test Step 1.2 (Repeat Count = 1)	Insural Makes
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

# **TEST DETAILS REPORT**

2016-07-24, 13:40:27+0530



CmMtrCurr\_Per2

Name	Input Value		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	17.7312012	17.7311745 ± 0.001	~
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	0.970703125	0.970703125 ± 32	•
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	2.19152832	2.19152832 ± 32	~
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	521178089	521178089 ± 1	•
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1176630504	1176630504 ± 1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	•
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
$Rte\_Call\_Sa\_CmMtrCurr\_NxtrDiagMgr\_SetNTCStatus(Status\_Cnt\_T\_enum)$	0	0	~



#### **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

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 TS2.31

TS2.32

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 CurrCorrDiagKSV\_M\_str.SV==>Min

TS2.38

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

© Report created by TESSY V3.1.13, report template V2.1

5





Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-220		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0		
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	0		
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	0		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrThresh_Amps_f32	0		
k_CurrOffGainKn_Cnt_u16	0		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	0		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	0		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	0		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	-220		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	-220		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_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	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-220	-220 ± 0.001	-
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	0	0 ± 32	•
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	0	0 ± 32	•
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	0	0 ± 1	•
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	0	0 ± 1	•
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	•

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

Test Step 2.2 (Repeat Count = 1)			· ·
Name	Input Value		
CmMtrCurr CurrCorrDiagKSV M str.SV Uls f32	220		
CmMtrCurr CurrCorrDiagKSV M str.K Uls f32	0.999984741		
CmMtrCurr MtrCurr1LpFltrSV Volt M u3p29	2684354560		
CmMtrCurr MtrCurr2LpFltrSV Volt M u3p29	2684354560		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrThresh_Amps_f32	50		
k_CurrOffGainKn_Cnt_u16	65535		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	3		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	3		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.999984741		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	1		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	220		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	220		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_Vo	lts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Vo	lts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition	on_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Re	v_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_t	f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_t	f32	
Name	Actual Value	Expected Value	Resul
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	•



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

Test Step 2.3 (Repeat Count = 1)	Immut Value		
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	26.5879002		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.0238000005		
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	1073741824		
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	0		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrThresh_Amps_f32	12.01546		
k_CurrOffGainKn_Cnt_u16	24884		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	2.10634041		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	1.74261236		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.999984741		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	0		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	-121.863373		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	-113.851982		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1	_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2	2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrF	osition_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle	e_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_A	mp_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_A	mp_f32	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	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	•

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

Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	53.1758003		
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	r1_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	42.1503754	42.1503754 ± 0.001	-
			<b>✓</b>

2016-07-24, 13:40:27+0530



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	•

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

Test Step 2.5 (Repeat Count = 1)			V
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_	732	
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	82.4870529	82.4870529 ± 0.001	~
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	1.37365723	1.37365723 ± 32	<b>✓</b>
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	4.08410645	4.08410645 ± 32	<b>~</b>
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	737501184	737501184 ± 1	~
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	2192687104	2192687104 ± 1	•
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	•
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	~

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

Test Step 2.6 (Repeat Count = 1)		<b>✓</b>
Name	Input Value	
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	106.351601	
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.0952000022	
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	0	
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	2147483648	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
k_CurrCorrErrThresh_Amps_f32	3.21194029	
k_CurrOffGainKn_Cnt_u16	51201	
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	0.976586819	
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	0.210442543	
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0	
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	0.645435333	
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	57.8244247	
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	85.995018	

2016-07-24, 13:40:27+0530



CmMtrCurr\_Per2

Name	Input Value		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_F	Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	86.38237	86.38237 ± 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	<b>✓</b>

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

Test Step 2.7 (Repeat Count = 1) 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_ADCMtrCurr	1 Volts f32		
tot Rte Inst Sa CmMtrCurr.CmMtrCurr Per2 ADCMtrCurr2 Volts f32	tgt CmMtrCurr Per2 ADCMtrCurr			
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per2 CorrMtrCurrPosition Rev f32	tgt CmMtrCurr Per2 CorrMtrCurrF			
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per2 MtrCurrAngle Rev f32	tgt CmMtrCurr Per2 MtrCurrAngle			
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per2 MtrCurrK1 Amp f32	tgt CmMtrCurr Per2 MtrCurrK1 A			
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per2 MtrCurrK2 Amp f32	tgt CmMtrCurr Per2 MtrCurrK2 A			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	147.949432	147.949432 ± 0.001	Result	
CmMtrCurr FiltMtrCurr1 Volt M f32	4.60693359	4.60693359 ± 32		
CmMtrCurr FiltMtrCurr2 Volt M f32	4.39111328	4.39111328 ± 32		
CmMtrCurr MtrCurr1LpFltrSV Volt M u3p29	2473353374	2473353374 ± 1		
CmMtrCurr MtrCurr2LpFltrSV Volt M u3p29	2357464284	2357464284 ± 1		
Rte Call Sa CmMtrCurr NxtrDiagMgr SetNTCStatus(NTC Cnt T enum)	86	86		
Rte Call Sa CmMtrCurr NxtrDiagMgr SetNTCStatus(NTC_Ont_1_endin)	1	1		
ric_oai_oa_oiiiviaoaii_iaxiiDiagivigi_octia i ootatasti araiii_oiit_1_uoo)	1.	1		

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

Test Step 2.8 (Repeat Count = 1)		✓
Name	Input Value	
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	159.527405	
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.142800003	
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	2147483648	
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	2684354560	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	

2016-07-24, 13:40:27+0530



CmMtrCurr\_Per2

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_t	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_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	122.040199	122.040199 ± 0.001	~
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	3.07556152	3.07556152 ± 32	<b>✓</b>
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	1.79248047	1.79248047 ± 32	<b>✓</b>
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	1651179520	1651179520 ± 1	<b>✓</b>
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	962375528 ± 1		
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86 86		
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	~

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

Test Step 2.9 (Repeat Count = 1)			
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	186.115295		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.166600004		
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	0		
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	536870912		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrThresh_Amps_f32	12.3355026		
k_CurrOffGainKn_Cnt_u16	13034		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	2.89603114		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	0.54530549		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.999984741		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	0.470564485		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	-220		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	-46.0492287		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_I	Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f3	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	189.723221	189.723236 ± 0.001	-
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	0.575927734	0.575927734 ± 32	•
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	0.909545898	0.909545898 ± 32	-
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	309218616	309218616 ± 1	•
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	488319262	488319262 ± 1	<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	

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





Test Step 2.10 (Repeat Count = 1)			<b>✓</b>
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_Volts_	<u>f</u> 32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_	<u>f</u> 32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_	Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	214.363541	214.363541 ± 0.001	•
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	1.89904785	1.89904785 ± 32	<b>✓</b>
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	2.92077637	2.92077637 ± 32	•
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	1019553648	1019553648 ± 1	•
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1568093637	1568093637 ± 1	•
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	•
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	~

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

Test Step 2.11 (Repeat Count = 1)			<b>✓</b>
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_Vo	lts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Vo	lts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPositi	on_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Re	v_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_	<u>f</u> 32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_	<u>f</u> 32	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	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	·
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>





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

Test Step 2.12 (Repeat Count = 1)			<b>~</b>
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-124.013275		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.238000005		
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	2684354560		
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	2684354560		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrThresh_Amps_f32	42.5367241		
k_CurrOffGainKn_Cnt_u16	1022		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	2.41063404		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	3		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.581155062		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	0.68121314		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	0		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	79.1892929		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_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	-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	•

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

Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	213.124634		
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	1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2	2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrF	Position_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle	e_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_A	.mp_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_A	.mp_f32	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	126.550911	126.550919 ± 0.001	-
			•

2016-07-24, 13:40:27+0530





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

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

Test Step 2.14 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	205.884918		
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	<b>✓</b>
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>

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

Test Step 2.15 (Repeat Count = 1)		<b>✓</b>
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	

2016-07-24, 13:40:27+0530



CmMtrCurr\_Per2

Name	Input Value			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f	tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f:	32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_F	Rev_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f3:	2		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	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	~	

Test Step Call Trace				<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>

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_V	olts_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Vo	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	Resul	
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-44.2701263	-44.2701263 ± 0.001	•	
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	1.63342285	1.63342285 ± 32	•	
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	0.784912109	0.784912109 ± 32	•	
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	876953600	876953600 ± 1		
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	421450128	421450128 ± 1	•	
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	•	
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1		

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

Test Step 2.17 (Repeat Count = 1)		<b>✓</b>
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)

2016-07-24, 13:40:27+0530



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_t	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_Rev_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	24.498497	24.4984951 ± 0.001	~
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	0.0388183594	0.0388183594 ± 32	~
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	0.361572266	0.361572266 ± 32	~
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	20848275	20848275 ± 1	~
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	194137965	194137965 ± 1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~

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

Test Step 2.18 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-18.6036739		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.380800009		
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	2684354560		
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1073741824		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrThresh_Amps_f32	43.8335342		
k_CurrOffGainKn_Cnt_u16	21154		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	0.628910542		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	0.400859833		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.619235039		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	1		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	-6.287848		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	-193.109467		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_\	Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_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	p_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp	p_f32	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	40.3145828	40.3145981 ± 0.001	•
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	3.58898926	3.58898926 ± 32	•
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	1.48376465	1.48376465 ± 32	•
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	1926872128	1926872128 ± 1	•
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	796603270	796603270 ± 1	•
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	•
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	•
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	•

Test Step Call Trace   ✓						
Actual Function	Count	Expected Function	Count	Result		
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~		
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	<b>✓</b>		
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	~		





Test Step 2.19 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-150.961716		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.404599994		
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	1073741824		
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	0		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrThresh_Amps_f32	8.83558655		
k_CurrOffGainKn_Cnt_u16	31270		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	0		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	3		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.751632094		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	1		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	21.2320423		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	176.503418		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_	f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_	Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_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	-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	•
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	768491520	768491520 ± 1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	•
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	~

Test Step Call Trace				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 2.20 (Repeat Count = 1)			•
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	63.5916023		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.42840001		
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	2147483648		
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	2684354560		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrThresh_Amps_f32	21.3016624		
k_CurrOffGainKn_Cnt_u16	60584		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	3		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	1.53049707		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.802072763		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	0.662033796		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	77.2116165		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	-124.013275		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_	Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_	Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPos	sition_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_I	Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Am	p_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Am	p_f32	
Name	Actual Value	Expected Value	Resul
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	



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

Test Step 2.21 (Repeat Count = 1)	Innect Males		
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	50.1815834		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.452199996		
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	0		
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	2684354560		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrThresh_Amps_f32	16.0492477		
k_CurrOffGainKn_Cnt_u16	2558		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	2.5		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	1.38939023		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.999984741		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	1		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	-203.157333		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	213.124634		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_\	Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_\	Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_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	-64.3875122	-64.3875198 ± 0.001	•
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	0.0975341797	0.0975341797 ± 32	•
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	4.85900879	4.85900879 ± 32	•
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	52387840	52387840 ± 1	•
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	2608691478	2608691478 ± 1	
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	•
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	•
Rte Call Sa CmMtrCurr NxtrDiagMgr SetNTCStatus(Status Cnt T enum)	1	1	•

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

Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	156.599319		
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_ADCMtrCurr	1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr	2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrl	Position_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle	e_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_A	Amp_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_A	Amp_f32	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	101.157906	101.15789 ± 0.001	-
			<b>✓</b>

2016-07-24, 13:40:27+0530



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	~

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

Test Step 2.23 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-26.5879002		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.499799997		
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	2684354560		
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	0		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrThresh_Amps_f32	33.2219505		
k_CurrOffGainKn_Cnt_u16	4837		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	0.904503107		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	3		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.999984741		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	1		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	176.675385		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	164.269547		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_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	74.9952164	74.9952164 ± 0.001	~
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	4.69763184	4.69763184 ± 32	<b>✓</b>
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	0.221313477	0.221313477 ± 32	<b>✓</b>
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	~
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>

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	<b>✓</b>
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	~

Test Step 2.24 (Repeat Count = 1)		~
Name	Input Value	
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-53.1758003	
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.523599982	
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	536870912	
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1610612736	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
k_CurrCorrErrThresh_Amps_f32	0.101317763	
k_CurrOffGainKn_Cnt_u16	41273	
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	1.38626862	
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	1.5	
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.999984741	
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	0.820073366	
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	-69.8886566	
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	10.5567312	

2016-07-24, 13:40:27+0530



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	•

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

Test Step 2.25 (Repeat Count = 1) Name	Input Value		
CmMtrCurr CurrCorrDiagKSV M str.SV Uls f32	-79.7637024		
- •	0.547399998		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_UIs_f32 CmMtrCurr MtrCurr1LpFltrSV Volt M u3p29	0.547399996		
	2147483648		
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29			
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr 38.5240631		
k_CurrCorrErrThresh_Amps_f32	45017		
k_CurrOffGainKn_Cnt_u16			
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	•		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	-168.295731 67.0593872		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value		d \/-lk- f00	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCu		
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_CorrMtrCu		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAn	·	
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		
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	•
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	

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

Test Step 2.26 (Repeat Count = 1)		✓
Name	Input Value	
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-106.351601	
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	

 $Rte\_Call\_Sa\_CmMtrCurr\_NxtrDiagMgr\_SetNTCStatus(Param\_Cnt\_T\_u08)$ Rte\_Call\_Sa\_CmMtrCurr\_NxtrDiagMgr\_SetNTCStatus(Status\_Cnt\_T\_enum)

CmMtrCurr\_Per2

2016-07-24, 13:40:27+0530



Name	Input Value		
k_CurrCorrErrThresh_Amps_f32	26.3857727		
k_CurrOffGainKn_Cnt_u16	50983		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	1.92261362		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	3		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.999984741		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	0.229246616		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	-32.3394508		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	-18.6036739		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_	f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_	f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_	Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_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	-58.5432968	-58.5433121 ± 0.001	-
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	2.60595703	2.60595703 ± 32	•
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	2.77783203	2.77783203 ± 32	•
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	1399073130	1399073130 ± 1	~
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1491394560	1491394560 ± 1	-
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	•

Test Step Call Trace				<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 2.27 (Repeat Count = 1)	Innert Males		
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_ADCMtrC	urr1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrC	urr2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCu	rrPosition_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAr	igle_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1	_Amp_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2	_Amp_f32	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	17.7312012	17.7311745 ± 0.001	~
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	0.970703125	0.970703125 ± 32	<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	<b>✓</b>
Dts. Call Ca. ConMtrOurs Nistrician Cathering (NTC Cathering)	86	86	<b>✓</b>
Rte_Call_Sa_CmintrCurr_nxtrDlagingr_Setin1CStatus(N1C_Cnt_1_enum)			
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)  Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~

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





Test Step 2.28 (Repeat Count = 1)			·
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-159.527405		
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_ADCMtrCu	ırr1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCu	urr2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCu	rrPosition_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAn	gle_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1	_Amp_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2	_Amp_f32	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-99.2282715	-99.2282715 ± 0.001	~
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	1	1 ± 32	<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	<b>✓</b>
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>

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

Test Step 2.29 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-186.115295		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.6426		
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	2147483648		
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	2147483648		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrThresh_Amps_f32	34.5885811		
k_CurrOffGainKn_Cnt_u16	65535		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	0.274205923		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	0.177897692		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.446646333		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	0.695452809		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	-38.3095245		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	50.1815834		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_	<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	-56.8425293	-56.8425522 ± 0.001	~
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	0.274169922	0.274169922 ± 32	~
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	0.177856445	0.177856445 ± 32	~
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	147224378	147224378 ± 1	<b>✓</b>
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	95517263	95517263 ± 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	·



Test Step Call Trace				<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 2.30 (Repeat Count = 1)			~
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-212.703201		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.666400015		
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	2684354560		
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	536870912		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrThresh_Amps_f32	48.6138496		
k_CurrOffGainKn_Cnt_u16	1462		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	0.532531261		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	3		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.999984741		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	0.298491478		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	109.679703		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	156.599319		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts	_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts	_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition	_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_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	6.6769104	6.67689991 ± 0.001	~
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	4.90026855	4.02636719 ± 32	<b>✓</b>
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	<b>~</b>

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

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

2016-07-24, 13:40:27+0530





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	<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>

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

Test Step 2.32 (Repeat Count = 1)			<b>✓</b>	
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_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	-210.370193	-210.370209 ± 0.001	~	
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	1.92590332	1.92590332 ± 32	~	
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	4.80554199	4.80554199 ± 32	~	
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	1034025098	1034025098 ± 1	~	
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	2579982278	2579982278 ± 1	~	
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	~	
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	•	
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	<b>✓</b>	

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

Test Step 2.33 (Repeat Count = 1)		<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	

2016-07-24, 13:40:27+0530



CmMtrCurr\_Per2

Name	Input Value		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_F	Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	3.36573434	3.36573458 ± 0.001	~
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	4.22460938	4.22460938 ± 32	~
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	3.2532959	3.2532959 ± 32	~
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	2268113074	2268113074 ± 1	~
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1746645432	1746645432 ± 1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	~

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

Test Step 2.34 (Repeat Count = 1)			V
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_Vo	lts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Vo	lts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition	on_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Re	v_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_t	f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_t	f32	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-63.5557289	-63.5557251 ± 0.001	~
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	1.98669434	1.98669434 ± 32	<b>✓</b>
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	2.4576416	2.4576416 ± 32	<b>✓</b>
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	1066613126	1066613126 ± 1	<b>✓</b>
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1319488276	1319488276 ± 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	-

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

Test Step 2.35 (Repeat Count = 1)		✓
Name	Input Value	
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-207.033417	
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	

 $Rte\_Call\_Sa\_CmMtrCurr\_NxtrDiagMgr\_SetNTCStatus(NTC\_Cnt\_T\_enum)$ 

Rte\_Call\_Sa\_CmMtrCurr\_NxtrDiagMgr\_SetNTCStatus(Param\_Cnt\_T\_u08)
Rte\_Call\_Sa\_CmMtrCurr\_NxtrDiagMgr\_SetNTCStatus(Status\_Cnt\_T\_enum)

CmMtrCurr\_Per2

2016-07-24, 13:40:27+0530



Name	Input Value		
k_CurrCorrErrThresh_Amps_f32	50		
k_CurrOffGainKn_Cnt_u16	50210		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	0.996415377		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	3		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.999984741		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	1		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	130.770233		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	-207.033417		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_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	82.4137878	82.4137497 ± 0.001	~
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	1.23095703	1.23095703 ± 32	~
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	2.53222656	2.53222656 ± 32	~
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	660915204	660915204 ± 1	~
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1359511552	1359511552 ± 1	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	<b>✓</b>
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	~

86

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_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	-114.533981	-114.533974 ± 0.001	•
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	2.59472656	2.59472656 ± 32	•
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	2.20898438	2.20898438 ± 32	•
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	1393047346	1393047346 ± 1	•
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1185959762	1185959762 ± 1	•
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	•
DI O II O O MI O MI DI MI O MITODI I (D. O I T. OO)			

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

Rte\_Call\_Sa\_CmMtrCurr\_NxtrDiagMgr\_SetNTCStatus(Param\_Cnt\_T\_u08)
Rte\_Call\_Sa\_CmMtrCurr\_NxtrDiagMgr\_SetNTCStatus(Status\_Cnt\_T\_enum)



Test Step 2.37 (Repeat Count = 1)			<b>√</b>
Name	Input Value		
CmMtrCurr CurrCorrDiagKSV M str.SV Uls f32	-220		
CmMtrCurr CurrCorrDiagKSV M str.K UIs 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	v_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_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_f32		
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	-96.2152176	-96.2152328 ± 0.001	~
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	3.28820801	3.28820801 ± 32	~
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	0.969238281	0.969238281 ± 32	~
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	1765392384	1765392384 ± 1	•
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	520402628	520402628 ± 1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	<b>✓</b>

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

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_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_1	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_t	32	
Name	Actual Value	Expected Value	Resul
CmMtrCurr CurrCorrDiagKSV M str.SV Uls f32	80.051651	80.0516663 ± 0.001	•
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	4.11755371	4.11755371 ± 32	
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	3.29187012	3.29187012 ± 32	
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	2210658660	2210658660 ± 1	•
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1767343158	1767343158 ± 1	
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	•
Rte Call Sa CmMtrCurr NxtrDiagMgr SetNTCStatus(Status Cnt T enum)	1	1	



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

Test Step 2.39 (Repeat Count = 1)	Innect Males		
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	0		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.952000022		
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	2147483648		
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	2684354560		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrThresh_Amps_f32	16.0492477		
k_CurrOffGainKn_Cnt_u16	20757		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	0.92788434		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	0.54530549		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.999984741		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	0.34709999		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	-52.158802		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	-150.961716		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_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	lev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp	_f32	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-89.3500671	-89.3501587 ± 0.001	~
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	3.02685547	3.02685547 ± 32	~
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	3.58898926	3.58898926 ± 32	~
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	1625092229	1625092229 ± 1	<b>✓</b>
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1926869359	1926869359 ± 1	<b>✓</b>
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	·

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

Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	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_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_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	26.787365	26.7873535 ± 0.001	-
			•

2016-07-24, 13:40:27+0530



CmMtrCurr_Per2		
Name	Actual Value	ı
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	3	;
Condition Come Filth March and Male M. 522	2 00072420	

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	<b>✓</b>
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	2041621283	2041621283 ± 1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	•
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	•

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

Test Step 2.41 (Repeat Count = 1)			<b>✓</b>
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_Vd	lts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Vd	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	~
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	2.37109375	2.37109375 ± 32	~
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	774666572	774666572 ± 1	~
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1272973742	1272973742 ± 1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	<b>✓</b>

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~	
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	<b>✓</b>	
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	



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	-51.3600006	-51.3600006 ± 0.001	~
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	0.776855469	0.776855469 ± 32	<b>✓</b>
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	1.47741699	1.47741699 ± 32	~
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	417106812	417106812 ± 1	<b>✓</b>
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	793187384	793187384 ± 1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	•

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~	
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	<b>✓</b>	
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_ADCMtrCurr2_Volts_	_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_	_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32	!	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32	!	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-20.6795006	-20.6795158 ± 0.001	~
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	1.70727539	1.70727539 ± 32	-
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	1.94702148	1.94702148 ± 32	~
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	916635920	916635920 ± 1	-
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1045352424	1045352424 ± 1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	-
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	-
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	-

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

Test Step 2.44 (Repeat Count = 1)		✓
Name	Input Value	
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	0.368999988	
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.548699975	
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	536870912	
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	0	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	

2016-07-24, 13:40:27+0530



CmMtrCurr\_Per2

Name	Input Value		
k_CurrCorrErrThresh_Amps_f32	26.3857727		
k_CurrOffGainKn_Cnt_u16	2558		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	2.5971663		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	2.47857809		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.819194317		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	0.925599992		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	65.6777344		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	-196.57901		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrC	Curr1_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_CorrMtrC	CurrPosition_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrA	ingle_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK	(1_Amp_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK	(2_Amp_f32	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	106.793259	106.793236 ± 0.001	~
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	1.06225586	1.06225586 ± 32	~
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	0.0966796875	0.0966796875 ± 32	~
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	570337226	570337226 ± 1	<b>✓</b>
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	51937632	51937632 ± 1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte Call Sa CmMtrCurr NxtrDiagMgr SetNTCStatus(Status Cnt T enum)	1	1	<b>✓</b>

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

### Test Case 3: Path Test

Specification

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

CPU Cycles:

TC3.1 2343.00 Cycles TC3.2 2241.00 Cycles

Description

VECTOR DESCRIPTION:

 $\label{eq:total_$ 

Test Step 3.1 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	132.939499		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.119000003		
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	2684354560		
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	2684354560		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrThresh_Amps_f32	34.8454857		
k_CurrOffGainKn_Cnt_u16	8222		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	1.86731339		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	0.146819592		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.999984741		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	0.594516039		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	-193.109467		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	-176.977707		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_t	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_t	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	147.949432	147.949432 ± 0.001	~
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	4.60693359	4.60693359 ± 32	~
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	4.39111328	4.39111328 ± 32	~
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	2473353374	2473353374 ± 1	~

2357464284

 $CmMtrCurr\_MtrCurr2LpFltrSV\_Volt\_M\_u3p29$ 

2357464284 ± 1

2016-07-24, 13:40:27+0530





Name	Actual Value	Expected Value	Result
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte Call Sa CmMtrCurr NxtrDiagMgr SetNTCStatus(Status Cnt T enum)	1	1	<b>v</b>

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

Test Step 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	_pFltrSV_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_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	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	<b>✓</b>
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1176630504	1176630504 ± 1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	•
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	•
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	•

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

CmMtrCurr\_Per1

2016-07-24, 13:37:58+0530



Project CmMtrCurr1

Module CmMtrCurr\_MTRCURRPHASEBC\_ON

Test Object CmMtrCurr\_Per1

### Instrumentation: Test Object Only

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

#### **Statistics**

Total Testcases	2	
Successful	2	✓
Failed	0	
Not Executed	0	

#### **Module Properties**

Project Root Directory	D:\Synergy Work Area\CmMtrCurr FDD1C 010.0 NoUTP
	D./3yllergy_Work_Area/Chilviti/Curi_FDD TC_010.0_N00 TF
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= -DMTRCURRPHASEBC -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\trus470_4.9.5\include
File	\$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -DMTRCURRPHASEBC -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

Name	Text
Module CmMtrCurr_MTRCURRPHASEBC_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 RAM Used (Bytes):3176 Total RAM Used (Bytes):46 Special Test Requirements:NA Test Date:7/23/2016 Comments: "Note1: Inline functions defined in globalmacro.h are not unit tested. Note2:- ""CBD_Sandbox_dbg.map"" map file is embedded for reference.  Note3:-In function ""CmMtrCurr_Per3"" some variables are going out of range for some vectors,accepted by devloper variables are :-MtrCurr2SumHi_Volt_M_f32, VecuSum_Volt_M_f32, MtrCurrSumLo_Volt_M_f32, MtrCurrSumLo_Volt_M_f32, MtrCurrSumLo_Volt_M_f32, MtrCurrSumLo_Volt_M_f32, MtrCurrSumLo_Volt_M_f32, are going to very large values."  Note4:-In function CurrDQPer1(), variables 'MtrCurrK1_Amps_f32' and 'MtrCurrK2_Amps_f32' are going to very large values."

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

2016-07-24, 13:37:58+0530





Attributes		
Name	Value	
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj	
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src	
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd	
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_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]

CPU Cycles:

TC1.1 1220.00 Cycles TC1.2 1220.00 Cycles

Description VECTOR DESCRIPTION:

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

Test Step 1.1 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
tgt CmMtrCurr Per1 FiltCntrlTemp DegC f32.value	0		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	-480		
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[1]	-320		
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[2]	-160		
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[3]	-32		
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[4]	800		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	1600		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	2592		
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[7]	2720		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	2880		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	3040		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	3072		
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[11]	3104		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	3840		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	4000		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	4160		
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[15]	4320		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	2		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	4		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	6		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[3]	8		
	10		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]			
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	12		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	14		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	16		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	18		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	20		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	23		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	25		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	27		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	29		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	31		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	33		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	2		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	4		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	6		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	8		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	10		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	12		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	14		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	16		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	18		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	20		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	23		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	25		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	27		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	29		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	31		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	33		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32	tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Result
tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value	0.00390625	0.00390625 ± 0.000000009	~
tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32.value	0.00390625	0.00390625 ± 0.000000009	~



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

Test Step 1.2 (Repeat Count = 1) Name	Input Value		
	· ·		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32.value	0		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	-480		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	-320		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	-160		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	-32		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	800		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	1600		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	2592		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	2720		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	2880		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	3040		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	3072		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	3104		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	3840		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	4000		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	4160		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	4320		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	2		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	4		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[2]	6		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	8		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	10		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[5]	12		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	14		
tqt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[7]	16		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[8]	18		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[9]	20		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	23		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	25		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	27		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	29		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	31		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[15]	33		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	2		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	4		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	6		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	8		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	10		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	12		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	14		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	16		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	18		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	20		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	23		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	25		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	27		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	29		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	31		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	33		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32	tgt_CmMtrCurr_Per1_FiltCntrlTemp	_DegC_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_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		
Name	Actual Value	Expected Value	Resu
	0.00390625		ixesu
tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32.value	0.00390625	0.00390625 ± 0.000000009 0.00390625 ± 0.000000009	





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

# Test Case 2: Range Test

Specification

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

les:
1047.00 Cycles
1047.00 Cycles
1047.00 Cycles
1047.00 Cycles
1073.00 Cycles
1071.00 Cycles
1071.00 Cycles
1047.00 Cycles
1202.00 Cycles
1421.00 Cycles
1220.00 Cycles
1220.00 Cycles
1220.00 Cycles
1421.00 Cycles
1241.00 Cycles
1381.00 Cycles
1381.00 Cycles
1381.00 Cycles
1381.00 Cycles
1301.00 Cycles
1242.00 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

#### Description

#### VECTOR DESCRIPTION:

TS2.1 All Min

TS2.1 All Min
TS2.2 All Max
TS2.3 FittCntrlTemp\_DegC\_f32==>Min
TS2.4 FittCntrlTemp\_DegC\_f32==>Max
TS2.5 FittCntrlTemp\_DegC\_f32==>Pos
TS2.6 FittCntrlTemp\_DegC\_f32==>Zero
TS2.7 FittCntrlTemp\_DegC\_f32==>Neg
TS2.8 Rte\_Pim\_CurrTempOffset.CurrTempOffsetX\_DegC\_s10p5==>Min
TS2.9 Rte\_Pim\_CurrTempOffset.CurrTempOffsetX\_DegC\_s10p5==>Max
TS2.10 Rte\_Pim\_CurrTempOffset.CurrTempOffsetX\_DegC\_s10p5==>Pos
TS2.11 Rte\_Pim\_CurrTempOffset.CurrTempOffsetX\_DegC\_s10p5==>Zero
TS2.12 Rte\_Pim\_CurrTempOffset.CurrTempOffsetX\_DegC\_s10p5==>Neg
TS2.13 Rte\_Pim\_CurrTempOffset.CurrOffsetY1\_v0lts\_s4p11==>Min
TS2.14 Rte\_Pim\_CurrTempOffset.CurrOffsetY1\_v0lts\_s4p11==>Pos
TS2.15 Rte\_Pim\_CurrTempOffset.CurrOffsetY1\_v0lts\_s4p11==>Pos
TS2.16 Rte\_Pim\_CurrTempOffset.CurrOffsetY1\_v0lts\_s4p11==>Zero
TS2.17 Rte\_Pim\_CurrTempOffset.CurrOffsetY1\_v0lts\_s4p11==>Neg
TS2.18 Rte\_Pim\_CurrTempOffset.CurrOffsetY2\_v0lts\_s4p11==>Min
TS2.19 Rte\_Pim\_CurrTempOffset.CurrOffsetY2\_v0lts\_s4p11==>Max
TS2.10 Rte\_Pim\_CurrTempOffset.CurrOffsetY2\_v0lts\_s4p11==>Max
TS2.21 Rte\_Pim\_CurrTempOffset.CurrOffsetY2\_v0lts\_s4p11==>Neg
TS2.22 Rte\_Pim\_CurrTempOffset.CurrOffsetY2\_v0lts\_s4p11==>Pos
TS2.21 Rte\_Pim\_CurrTempOffset.CurrOffsetY2\_v0lts\_s4p11==>Pos
TS2.22 Rte\_Pim\_CurrTempOffset.CurrOffsetY2\_v0lts\_s4p11==>Neg
TS2.22 Rte\_Pim\_CurrTempOffset.CurrOffsetY2\_v0lts\_s4p11==>Neg TS2.22 Rte\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11==>Neg

Test Step 2.1 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32.value	-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

© Report created by TESSY V3.1.13, report template V2.1

5

2016-07-24, 13:37:58+0530



Name	Input Value		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	-53		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32	tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_t	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	-0.0258789063	-0.025878906 ± 0.00000009	~
tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32.value	-0.0258789063	-0.025878906 ± 0.00000009	<b>✓</b>

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

2016-07-24, 13:37:58+0530



Name	Input Value		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	53		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32	tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_	<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	0.0258789063	0.025878906 ± 0.00000009	~
tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32.value	0.0258789063	0.025878906 ± 0.00000009	~

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

2016-07-24, 13:37:58+0530



Name	Input Value		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	-23		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	-20		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	-18		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	-16		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	-14		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	-45		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	-43		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	-41		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	-39		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	-37		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	-35		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	-33		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	-31		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	-29		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	-27		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	-25		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	-23		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	-20		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	-18		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	-16		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	-14		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32	tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_\	/olt_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_\	/olt_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Result
tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value	-0.0219726563	-0.021972656 ± 0.00000009	~
tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32.value	-0.0219726563	-0.021972656 ± 0.00000009	~

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

2016-07-24, 13:37:58+0530



Name	Input Value		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	25		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	1		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	2		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	2		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	2		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	2		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	4		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	6		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	8		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	10		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	12		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	14		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	16		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	18		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	20		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	23		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	25		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32	tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_t	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	•

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

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

2016-07-24, 13:37:58+0530



CmMtrCurr\_Per1

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	f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_	Volt_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_	Volt_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Result
tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value	-0.0112304688	-0.011230469 ± 0.00000009	~
tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32.value	-0.0112304688	-0.011230469 ± 0.00000009	~

Test Step Call Trace				<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 2.6 (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

2016-07-24, 13:37:58+0530



CmMtrCurr\_Per1

Name	Input Value		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	16		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	18		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	20		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	23		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	25		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	27		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	29		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	31		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	33		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32	tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_	f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_	Volt_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_	Volt_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Result
tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value	0.00390625	0.00390625 ± 0.000000009	~
tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32.value	0.00390625	0.00390625 ± 0.000000009	~

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

Test Step 2.7 (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
tqt Pim CurrTempOffset.CurrTempOffsetX DeqC s10p5[5]	1024
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[6]	1216
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[7]	1344
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[8]	1536
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	1664
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	1856
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[11]	1984
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[12]	3264
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[13]	3456
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[14]	3904
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[15]	4096
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	-45
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	-43
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[2]	-41
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	-39
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[4]	-37
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	-35
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	-33
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	-31
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	-29
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	-27
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	-25
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	-23
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	-20
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	-18
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	-16
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	-14
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	-45
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	-43
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	-41
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	-39
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	-37
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	-35
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	-33
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	-31
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	-29
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	-27
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	-25

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

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

CmMtrCurr\_Per1

2016-07-24, 13:37:58+0530



-0.021972656 ± 0.00000009

-0.021972656 ± 0.00000009

Input Value tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[11] -23 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[12] -20 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[13] -18 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[14] -16 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[15] -14  $tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per1\_FiltCntrlTemp\_DegC\_f32$ tgt\_CmMtrCurr\_Per1\_FiltCntrlTemp\_DegC\_f32  $tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per1\_MtrCurr1TempOffset\_Volt\_f32$ tgt\_CmMtrCurr\_Per1\_MtrCurr1TempOffset\_Volt\_f32  $tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per1\_MtrCurr2TempOffset\_Volt\_f32$  $tgt\_CmMtrCurr\_Per1\_MtrCurr2TempOffset\_Volt\_f32$  $tgt\_Rte\_Inst\_Sa\_CmMtrCurr.Pim\_CurrTempOffset$ tgt\_Pim\_CurrTempOffset Actual Value **Expected Value** Result

-0.0219726563

-0.0219726563

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

Test Step 2.8 (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	

© Report created by TESSY V3.1.13, report template V2.1

2016-07-24, 13:37:58+0530



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_	f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Result
tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value	0.0122070313	0.012207031 ± 0.00000009	~
tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32.value	0.0122070313	0.012207031 ± 0.00000009	•

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

Test Step 2.9 (Repeat Count = 1)	Input Value
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
gt CmMtrCurr Per1 FiltCntrlTemp DegC f32.value	-26.43644691
gt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[0]	4800
gt Pim CurrTempOffset.CurrTempOffsetX_DegC s10p5[1]	4800
gt Pim CurrTempOffset.CurrTempOffsetX_DegC s10p5[2]	4800
gt Pim CurrTempOffset.CurrTempOffsetX_DegC s10p5[3]	4800
gt Pim CurrTempOffset.CurrTempOffsetX_DegC s10p5[4]	4800
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	4800
gt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[6]	4800
gt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[7]	4800
gt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[8]	4800
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	4800
gt Pim CurrTempOffset.CurrTempOffsetX_DegC s10p5[10]	4800
gt Pim CurrTempOffset.CurrTempOffsetX_DegC s10p5[11]	4800
gt Pim CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	4800
gt_rini_currTempOffset.CurrTempOffsetX_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

2016-07-24, 13:37:58+0530





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	<b>✓</b>

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

Test Step 2.10 (Repeat Count = 1)		<b>✓</b>
Name	Input Value	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32.value	52.18713468	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	320	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	480	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	640	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	800	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	960	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	1280	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	1440	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	1600	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	2080	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	2400	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	2560	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	2720	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	3040	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	3360	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	3680	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	4160	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	2	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	4	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	6	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	8	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	10	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	12	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	14	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	16	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	18	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	20	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	23	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	25	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	27	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	29	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	31	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	33	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	2	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	4	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	6	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	8	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	10	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	12	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	14	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	16	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	18	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	20	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	23	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	25	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	27	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	29	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	31	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	33	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32	tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset	
Name	Actual Value Expected Value	Result
tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value	0.0078125 0.0000000	
tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32.value	0.0078125 ± 0.0000000	00



Test Step Call Trace				<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		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	-31		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	-29		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	-27		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	-25		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	-23		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	-20		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	-18		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	-16		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	-14		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[0]	2		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	4		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[2]	6		
tqt 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		
tat 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[10]	25		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	27		
tgt_Pim_CurrTempOffset.CurrOffsetY2_volts_s4p11[12] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	29		
	31		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]			
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	33	122	
tet Die Inst Co ConMiteCour ConMiteCour Dest ElifortalTerra Desc Con	tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC	_132	
	test Contito Com David Mario AT 200	1 \/all f22	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr1TempOffset		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr2TempOffset		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_FiltCntrlTemp_DegC_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_CmMtrCurr_Per1_MtrCurr2TempOffset tgt_Pim_CurrTempOffset	i_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  Name	tgt_CmMtrCurr_Per1_MtrCurr2TempOffset tgt_Pim_CurrTempOffset Actual Value	Expected Value	Resul
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_CmMtrCurr_Per1_MtrCurr2TempOffset tgt_Pim_CurrTempOffset	i_Volt_f32	Resu





Test Step Call Trace				<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	Innut Value		
	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32.value	6.719212592		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	-1536		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	-1440		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	-1376		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	-1280		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	-1216		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	-1120		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	-1056		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	-960 -896		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8] tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	-800		
· - · · · · · · · · · · · · · · · · · ·	-704		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	-640		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]			
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12] tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	-480 -384		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	-320		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	-320 -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		
tat Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[5]	4		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	6		
tqt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[7]	8		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	10		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[9]	12		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	14		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[11]	16		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	18		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	20		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	23		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	25		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	-45		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[1]	-43		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	-41		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	-39		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	-37		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	-35		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	-33		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	-31		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	-29		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	-27		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	-25		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	-23		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	-20		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	-18		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	-16		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	-14		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32	tgt_CmMtrCurr_Per1_FiltCntrlTemp_Deg	C_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr1TempOffs	set_Volt_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr2TempOffs	et_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	0.0122070313	0.012207031 ± 0.00000009	•
tgt CmMtrCurr Per1 MtrCurr2TempOffset Volt f32.value	-0.0068359375	-0.006835938 ± 0.000000009	



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





Test Step Call Trace				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	





Test Step Call Trace				<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 2.15 (Repeat Count = 1)	Immust Value		
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32.value	122.2946655		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	-1440		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	-1280		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	-1120		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	-960		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	-800		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	-640		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	-480		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	-160		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	0		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	320		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	640		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	960		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	1280		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	1920		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	2240		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	2560		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	2		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	4		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	6		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	8		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	10		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	12		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	14		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	16		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	18		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	20		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	23		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	25		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	27		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	29		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	31		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	33		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	2		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	4		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	6		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	8		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	10		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	12		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	14		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	16		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	18		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	20		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	23		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	25		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	27		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	29		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	31		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	33		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32	tgt_CmMtrCurr_Per1_FiltCntrlTemp_D	egC_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr1TempO		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32	tgt CmMtrCurr Per1 MtrCurr2TempO		
tgt Rte Inst Sa CmMtrCurr.Pim CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Resul
tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value	0.0161132813	0.016113281 ± 0.00000009	Resul
tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_132.value	0.0161132813	0.016113281 ± 0.00000009	



Test Step Call Trace				<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	•

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		
tqt Pim CurrTempOffset.CurrTempOffsetX DeqC 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_nim_ourrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	2464		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	0		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[1]	0		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[2]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	0		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[6]	0		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[7]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	0		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[9]	0		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[10]	0		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[11]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	0		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[0]	-45		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[1]	-43		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[2]	-41		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[3]	-39		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[4]	-37		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	-35		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	-33		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[7]	-31		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	-29		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	-27		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	-25		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[11]	-23		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	-20		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	-18		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	-16		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	-14		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32	tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_	f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32	tgt CmMtrCurr Per1 MtrCurr1TempOffset	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_	_	
tgt Rte Inst Sa CmMtrCurr.Pim CurrTempOffset	tgt Pim CurrTempOffset	·	
Name	Actual Value	Expected Value	Resu
tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value	0	0 ± 0.000009	i todu
tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32.value	-0.0185546875	-0.018554688 ± 0.00000009	
IGI_OHIMILOUII_FELI_IMILOUIIZTEHIPOHSEL_VOIL_ISZ.VAIUE	-0.0100040070	-0.0 10334000 ± 0.00000009	



Test Step Call Trace				<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	



Test Step Call Trace				<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 2.18 (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





Test Step Call Trace				<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		
	23		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]			
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_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		
Name	Actual Value	Expected Value	Resu
	0.0078125	0.0078125 ± 0.000000009	ixesu
tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32.value	0.0078125	0.0078125 ± 0.000000009 0.025878906 ± 0.00000009	



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

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





Test Step Call Trace				<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	~

Name	Input Value		
	·		
Rte_Inst_Sa_CmMtrCurr tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32.value	tgt_Rte_Inst_Sa_CmMtrCurr 79.95160198		
tgt_Critiviticuti_Fet1_FitCritiTemp_begC_isz.value  tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	224		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	544		
tgt Pim CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	864		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	1184		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	1504		
	1824		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5] tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	2144		
tat Pim CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	2464		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	2784		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	3104		
	3424		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]			
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	3744 4064		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12] tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	4384		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13] tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	4480		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14] tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	4480		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	2		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	6		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	8		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	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]	18		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]			
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	20		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	23		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	25 27		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	29		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13] tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	31		
	33		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]			
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]			
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	D 0 00	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32	tgt_CmMtrCurr_Per1_FiltCntrlTemp		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr1Tem		
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr2Tem	pOffset_Volt_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Resu
tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value	0.0078125	0.0078125 ± 0.00000009	
tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32.value	0	0 ± 0.000009	



Test Step Call Trace				<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 2.22 (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		
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_De	egC_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr1TempOf	ffset_Volt_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr2TempOf	ffset_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	

2016-07-24, 13:37:58+0530

CmMtrCurr\_Per1



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

2016-07-24, 13:51:01+0530

 ${\it CmMtrCurrTempOffset\_Scom\_Set}$ 



Project CmMtrCurr1

 Module
 CmMtrCurr\_MTRCURRPHASEBC\_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= -DMTRCURRPHASEBC -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= -DMTRCURRPHASEBC -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	rspecification
Name	Text
Name Module 'CmMtrCurr_MTRCURRPHASEBC_ON	C_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 CALS Used (Bytes):130 Total CALS Used (Bytes):46
	Special Test Requirements:NA Test Date:7/23/2016 Comments: "Note1: Inline functions defined in globalmacro.h are not unit tested.  Note2:- ""CBD_Sandbox_dbg.map"" map file is embedded for reference.
	Note3:-In function ""CmMtrCurr_Per3"" some variables are going out of range for some vectors,accepted by devloper variables are :- MtrCurr2SumHi_Volt_M_f32 , VecuSum_Volt_M_f32 , MtrCurr1SumLo_Volt_M_f32, MtrCurr2SumLo_Volt_M_f32, MtrCurr2SumZero_Volt_M_f32, CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 .
	Note4:-In function CurrDQPer1(), variables 'MtrCurrK1_Amps_f32' and 'MtrCurrK2_Amps_f32' are going to very large values."
	***************************************

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

2016-07-24, 13:51:01+0530



Attributes	
Name	Value
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd</pre>
Makefile Template	<pre>\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_Ps.tpl</pre>
Target Install Path	<pre>\$(ProgramFiles)\pls\UDE 4.4</pre>
Time Unit	cycles
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\CmMtrCurr_FDD1C_010.0_NoUTP\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP



#### **Test Case 1: 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

© Report created by TESSY V3.1.13, report template V2.1

2016-07-24, 13:51:01+0530



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

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

Test Step Call Trace				<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 1.2 (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]	4800		
tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[1]	4800		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	4800		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]	4800		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	4800		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]	4800		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]	4800		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	4800		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]	4800		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]	4800		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	4800		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	4800		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]	4800		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]	4800		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]	4800		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0]	4800		
tgt CurrTempOffCal.CurrOffsetY1 Volts s4p11[1]	53		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2]	53		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_S4p11[2]	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		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3]	53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4]	53 53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[5] 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]	4800	4800	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	4800	4800	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	4800	4800	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	4800	4800	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	4800	4800	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	4800	4800	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	4800	4800	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	4800	4800	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	4800	4800	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	4800	4800	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	4800	4800	
	4800	4800	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]		4800	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	4800		V
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12] tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	4800 4800	4800	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12] tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13] tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	4800 4800 4800	4800 4800	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12] tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13] tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14] tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	4800 4800 4800 4800	4800 4800 4800	· · · · · · · · · · · · · · · · · · ·
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12] tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13] tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14] tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15] tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	4800 4800 4800 4800 53	4800 4800 4800 53	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12] tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13] tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14] tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	4800 4800 4800 4800	4800 4800 4800	

2016-07-24, 13:51:01+0530



 ${\it CmMtrCurrTempOffset\_Scom\_Set}$ 

Name	Actual Value	Expected Value	Result
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	53	53	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	53	53	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	53	53	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	53	53	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	53	53	•
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	53	53	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	53	53	<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	•
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	53	53	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	53	53	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	53	53	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	53	53	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	53	53	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	53	53	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	53	53	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	53	53	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	53	53	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	53	53	•
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	53	53	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	53	53	•
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	53	53	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	53	53	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	53	53	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	53	53	•
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	53	53	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	53	53	~

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

CmMtrCurrTempOffset\_Scom\_Set

2016-07-24, 13:51:01+0530



Input Value tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[0] 2 tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[1] 4 tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[2] 6 tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[3] 8 tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[4] 10 tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[5] 12 tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[6] 14  $tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[7]$ 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 29 tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[13] tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[14] 31 tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[15] 33

tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Result
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	-1600	-1600	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	-1600	-1600	✓
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	-1600	-1600	✓
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	-1600	-1600	✓
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	-1600	-1600	✓
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	-1600	-1600	✓
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	-1600	-1600	✓
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	-1600	-1600	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	-1600	-1600	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	-1600	-1600	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	-1600	-1600	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	-1600	-1600	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	-1600	-1600	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	-1600	-1600	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	-1600	-1600	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	-1600	-1600	<b>✓</b>
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	<b>V</b>
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	-37	-37	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	-39	-39	<b>V</b>
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	-41	-41	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	-43	-43	<b>V</b>
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	-45	-45	<b>V</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	2	2	<b>Y</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	4	4	<b>V</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	6	6	<b>V</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	8	8	<b>V</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	10	10	<b>V</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	12	12	<b>Y</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	14	14	<b>V</b>
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 27	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	27	27	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	29		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	31	31 33	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	33	აა	•

Test Step Call Trace				<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 1.4 (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]	4800		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	4800		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	4800		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	4800 4800		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	4800		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]	4800		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	4800		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]	4800		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]	4800		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	4800		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	4800		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]	4800 4800		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]	4800		
tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[15]	4800		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0]	-47		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1]	-49		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2]	-51		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]	-53		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4]	2		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[5]	4		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]	6		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]	8		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9]	12		
tgt CurrTempOffCal.CurrOffsetY1 Volts s4p11[10]	14		
tgt CurrTempOffCal.CurrOffsetY1 Volts s4p11[11]	16		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12]	18		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13]	20		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[14]	23		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[15]	25		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0]	35		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1]	37		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3]	39 41		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4]	43		
tgt CurrTempOffCal.CurrOffsetY2 Volts s4p11[5]	45		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6]	47		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7]	49		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]	51		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]	53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]	-2		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]	-4		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]	-6 -8		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]	-10		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]	-12		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Result
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	4800	4800	✓
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	4800	4800	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	4800	4800	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	4800	4800	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	4800	4800	<b>~</b>
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	4800	4800	<b>*</b>
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	4800	4800	<i>y</i>
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7] tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	4800 4800	4800 4800	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	4800	4800	_
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	4800	4800	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	4800	4800	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	4800	4800	~
$tgt\_Pim\_CurrTempOffset.CurrTempOffsetX\_DegC\_s10p5[13]$	4800	4800	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	4800	4800	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	4800	4800	<b>~</b>
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	-47	-47	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	-49 -51	-49 -51	Ž
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	[-01	-01	

CmMtrCurrTempOffset\_Scom\_Set

2016-07-24, 13:51:01+0530



**Actual Value Expected Value** tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[3] -53 -53 tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[4] 2 tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[5] 4 4 tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[6] 6 6 tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[7] 8 8 tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[8] 10 10 tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[9] 12 12  $tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[10]$ 14 14 tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[11] 16 16  $tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[12]$ 18 18 tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[13] 20 20  $tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[14]$ 23 23 tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[15] 25 25 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[0] 35 35 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[1] 37 37 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[2] 39 39  $tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[3]$ 41 41 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[4] 43 43  $tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[5]$ 45 45 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[6] 47 47 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[7] 49 49 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[8] 51 51 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[9] 53 53 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[10] -2 -2 -4 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[11] -4 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[12] -6 -6 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[13] -8 -8  $tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[14]$ -10 -10 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[15] -12 -12

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

2016-07-24, 13:51:01+0530



CmMtrCurrTempOffset\_Scom\_Set

Nama	Innut Value		
Name tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0]	Input Value		
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	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	3040	3040	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	3360	3360	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	3680	3680	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	4160	4160	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	35	35	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	37	37	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	39	39	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	41	41	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	43	43	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	45	45	<b>~</b>
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	<b>•</b>
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]	-6 -8	-6 -8	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13] tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	-0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14] tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	-10	-10 -12	-
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	-14	-12	
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	•

Count Expected Function

Rte\_Call\_Sa\_CmMtrCurr\_EOLCurrTempOffset\_WriteBlock

(C)	Report	created by	TESSY	V3.1.13	report t	emplate \	/2.1

Rte\_Call\_Sa\_CmMtrCurr\_EOLCurrTempOffset\_WriteBlock

Test Step Call Trace
Actual Function

Count Result



Name	Test Step 1.6 (Repeat Count = 1)			✓
Curt TempORDA	Name	Input Value		
Q. Currierpo/CIGAL Curriespoliticate, Despt. 9 (1991)	CurrTempOffCal			
Big. Carrieropfolical Carrieropfolicae (Deg. 5.1894)   0   0   0   0   0   0   0   0   0	Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMt	rCurr	
gl. Curriempofficial Curriempofficial Couples   1690    gl. Curriempofficial Curriempofficial Curriempofficial Couples   1690    gl. Curriempofficial Curriempoff	tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	0		
St. Contrespondial	tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]			
B_CART-INFORCEAL CART T-ROYDINESC, Degit_2, Top[4]	tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]			
B_CONTEMPORTAL CONTEMPORTAL DESCRIPTION				
B. Curti-resport Call Continents				
Big. ContringmontChail Contr				
St. Curt Presportion & Curt Presponder & Degic - \$10.598				
SECURITHENDICAL CURTEMPOPER DE POSE 1109(10)	tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[8]			
	tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]	0		
SECURITY PROPORTION COUNT PROPORTION C	tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	0		
State CharlempoRtical Court Improfices (Charge 2, stocks)	tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]			
State Count Free Proprietaes Count Free Pro				
BL. DUTTERPORTICAL COUNTERPY_VORS_ASP_11(0)   2   2   2   2   2   2   2   2   2				
Bit Confrence (Class Combinate V) Volte, a 4p1 (19)   2				
B_CONTEMPORTICAL CURRONNERTY_VORS_969110    4				
Backartemportical Courribaters V, Volta 3491120   Backartemportical Courribaters V, Volta 3491120   Backartemportical Courribaters V, Volta 3491140   Backartemportical Courribaters V, Volta 34911410   Backartemportical Courribaters V, Volta				
Ig. Curt = mpoPCtacl Curt Offset PL_Volts_sep115    12   12   13   14   15   15   15   15   15   15   15	tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2]			
QuarternopOffical CouroffsetY   Volts   449117    16	tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]			
Security   Security	tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4]	10		
Q. CurtTempOffical CurrOffsetY1 Volta_sefs1[7]   16   18   18   18   18   18   18   18	tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[5]			
QCUITTOMODICAL QUITOTION   Volta, sept 1   9	tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]			
QuartempoRical CurroffsetY   Volta_sept1[19]   20   22   27   27   27   27   27   27				
g_CurTempOffCal CurrOffsetY1_Volts_s4p11[10]   25   25   25   25   25   25   25   2				
g_CurTempOffCal CurrOffsetY1_Volts_49h1[17]   25   27   27   27   28   28   28   28   28				
Q_CUTFempOffCal CurrOffsetY1_Volts_s4p11[13]				
gg_CurrTempOffCal CurrOffsetY1_volts_sep11[13]   gg_CurrTempOffCal CurrOffsetY1_volts_sep11[14]   31   31   31   31   31   31   31   3				
	tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13]			
Seg. CurrTempOffical.CurrOffsetY2_Volts_s4p11[0]	tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[14]	31		
Qg CurTempOffCal.CurrOffsetY2_Volts_s4p11[7]	tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[15]	33		
Sq. CurrTempOffCal CurrOffsetY2_Volts_s4p11[2]   -51	tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0]			
	tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1]			
Sq. CurlTempOffCal. CurrOffSetY2_Volts_s4p11[4]   2   2   2   2   2   2   2   2   2				
Sq. CurrTempOffical CurrOffsetY2_Volts_s4p11[6]   6				
Signorman   Sign				
	tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]			
	tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]	12		
Signormal Counter   Sign	tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]	14		
Sign   CurrTempOffCal CurrOffsetY2   Volts   s4p11 [13]   20     Sign   CurrTempOffCal CurrOffsetY2   Volts   s4p11 [14]   23     Sign   CurrTempOffCal CurrOffsetY2   Volts   s4p11 [15]   25     Sign   CurrTempOffSet   Sign   CurrTempOffset   Sign   Si	tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]			
Seg_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]   23	tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]			
Section   Sect	tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]			
Set   Rete_Inst_Sa_CmMtrCurr.Prim_CurrTempOffset   Set   S				
Actual Value Expected Value Result gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0] 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			et e	
				Pocult
Sign   Pim   CurrTempOffset   CurrOffset   CurrOff			· ·	Kesuit
Sign   Pim   CurrTempOffset   CurrTempOffset   DegC   s10p5[2]   0   0   0   0   0   0   0   0   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				•
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	tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]		-	•
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	tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	0	0	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]       0       0         tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]       0       0         tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]       0       0         tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]       0       0         tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]       0       0         tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]       0       0         tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]       0       0         tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]       0       0         tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]       0       0         tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]       2       2         tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]       4       4	tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	0	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.CurrTempOffsetX_DegC_s10p5[6]			•
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.CurrTempOffsetX_DegC_s10p5[7]			~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]       0       0         tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]       0       0         tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]       0       0         tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]       0       0         tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]       0       0         tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]       0       0         tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]       2       2         tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]       4       4				
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]       0       0         tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]       0       0         tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]       0       0         tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]       0       0         tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]       0       0         tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]       2       2         tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]       4       4			-	
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				Ž
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]         0         0           tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]         0         0           tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]         0         0           tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]         2         2           tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]         4         4			· ·	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]         0         0           tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]         0         0           tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]         2         2           tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]         4         4				
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0] 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]			~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0] 2 2 2 4 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]			<b>✓</b>
0 1	tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	2	2	~
lgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2] 6 6	tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]			~
	tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	6	6	

2016-07-24, 13:51:01+0530



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	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	18	18	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	20	20	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	23	23	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	25	25	•
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	27	27	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	29	29	•
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	31	31	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	33	33	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	-47	-47	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	-49	-49	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	-51	-51	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	-53	-53	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	2	2	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	4	4	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	6	6	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	8	8	•
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	10	10	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	12	12	•
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	14	14	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	16	16	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	18	18	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	20	20	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	23	23	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	25	25	~

Test Step Call Trace				<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

2016-07-24, 13:51:01+0530



Name	Input Value		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0]	2		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1]	4		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2]	6		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3]	8		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4]	10		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[5]	12		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6]	14		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7]	16		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]	18		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]	20		
tgt CurrTempOffCal.CurrOffsetY2 Volts s4p11[10]	23		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]	25		
tgt CurrTempOffCal.CurrOffsetY2 Volts s4p11[12]	27		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]	29		
tgt CurrTempOffCal.CurrOffsetY2 Volts s4p11[14]	31		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]	33		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
		Function Value	Daguilé
Name	Actual Value	Expected Value	Result
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	-1536	-1536	<b>Y</b>
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	-1440	-1440	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	-1376	-1376	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	-1280	-1280	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	-1216	-1216	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	-1120	-1120	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	-1056	-1056	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	-960	-960	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	-896	-896	<b>✓</b>
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	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	-480	-480	-
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[13]	-384	-384	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	-320	-320	
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[15]	-160	-160	<b>~</b>
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	35	35	_
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[1]	37	37	<b>V</b>
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	39	39	-
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	41	41	-
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	43	43	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	45	45	-
	47	47	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]			-
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	49	49	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	51	51	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	53	53	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	-2	-2	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	-4	-4	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	-6	-6	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	-8	-8	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	-10	-10	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	-12	-12	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	2	2	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	4	4	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	6	6	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	8	8	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	10	10	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	12	12	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	14	14	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	16	16	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	18	18	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	20	20	•
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	23	23	-
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	25	25	-
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	27	27	-
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	29	29	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	31	31	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	33	33	-
tgt_r int_outrremponset.outronsettz_voits_s4p11[13]	00	00	

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



Test Step 1.8 (Repeat Count = 1)

Name	Input Value		
CurrTempOffCal	tgt_CurrTempOffCal		
Rte Inst Sa CmMtrCurr	tgt Rte Inst Sa CmMtrCurr		
tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[0]	-1440		
tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[1]	-1280		
tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[2]	-1120		
tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[3]	-960		
tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[4]	-800		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]	-640		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]	-480		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	-160		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]	0		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]	320		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	640		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	960		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]	1280		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]	1920		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]	2240		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]	2560		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0]	-53		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1]	-53		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2]	-53		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]	-53		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4]	-53		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[5]	-53		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]	-53		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7]	-53		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]	-53		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9]	-53		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]	-53		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[11]	-53		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12]	-53		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13]	-53		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[14]	-53		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[15]	-53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0]	35		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1]	37		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2]	39		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3]	41		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4]	43		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[5]	45		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6]	47		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7]	49		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]	51		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]	53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]	-2		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]	-4		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]	-6		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]	-8		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]	-10		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]	-12		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset	l=	
Name	Actual Value	Expected Value	Result
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	-1440	-1440	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	-1280	-1280	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	-1120	-1120	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	-960	-960	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	-800	-800	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	-640	-640	<b>~</b>
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	-480	-480	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	-160	-160	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	0	0	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	320	320	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	640	640	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	960	960	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	1280	1280	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	1920	1920	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	2240	2240	•
		2560	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	2560		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	-53	-53	-

2016-07-24, 13:51:01+0530



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

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

2016-07-24, 13:51:01+0530



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

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



Test Step 1.10 (Repeat Count = 1)			✓
Name	Input Value		
CurrTempOffCal	tgt_CurrTempOffCal		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	288		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	384		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	608		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]	704		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	928		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]	1024		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]	1248		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]	1344 1568		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]	1664		
tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[10]	1888		
tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[11]	1984		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]	2208		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]	2304		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]	2528		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]	2624		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0]	2		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1]	4		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2]	6		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]	8		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4]	10		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[5]	12 14		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7]	16		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]	18		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9]	20		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]	23		
tgt CurrTempOffCal.CurrOffsetY1 Volts s4p11[11]	25		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12]	27		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13]	29		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[14]	31		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[15]	33		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0]	-47		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1]	-49		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2]	-51		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3]	-53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4]	2		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[5] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6]	6		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7]	8		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]	10		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]	12		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]	14		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]	16		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]	18		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]	20		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]	23		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]	25		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Result
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	288	288	<b>V</b>
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1] tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	384 608	384 608	
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	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	1248	1248	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	1344	1344	<b>✓</b>
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	2	Ž
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1] tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	6	6	
		•	

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

CmMtrCurrTempOffset\_Scom\_Set

2016-07-24, 13:51:01+0530



**Actual Value Expected Value** tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[3] tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[4] 10 10 tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[5] 12 12 tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[6] 14 14 tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[7] 16 16 tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[8] 18 18 tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[9] 20 20  $tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[10]$ 23 23 tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[11] 25 25  $tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[12]$ 27 27 tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[13] 29 29 tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[14] 31 31 tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[15] 33 33 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[0] -47 -47 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[1] -49 -49 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[2] -51 -51  $tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[3]$ -53 -53 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[4] 2 2  $tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[5]$ 4 4 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[6] 6 6 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[7] 8 8 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[8] 10 10 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[9] 12 12 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[10] 14 14 16 16 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[11] tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[12] 18 18 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[13] 20 20  $tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[14]$ 23 23

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

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	

2016-07-24, 13:51:01+0530



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

0

0

0

0

0

0

0

0

45

47

49

51

53

-2

-4

-6

-8

-10

-12

tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	0	0
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	0	0
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	0	0
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	0	0
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	35	35
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	37	37
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	39	39
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	41	41
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	43	43

0

0

0

0

0

0

0

0

45

47

49

51

53

-2

-4

-6

-8

-10

-12

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

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.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]



CmMtrCurrTempOffset\_Scom\_Set

Test Step 1.12 (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]	-928		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	-608		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	0		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	736 1056		
tgt CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	1408		
tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[6]	1568		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	2016		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]	2368		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]	2688		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	2848		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	3200		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]	3936		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]	4544 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] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]	-29 -31		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9]	-33		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]	-35		
tgt CurrTempOffCal.CurrOffsetY1 Volts s4p11[11]	-37		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12]	-39		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13]	-41		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[14]	-43		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[15]	-45		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0]	-14		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1]	-16		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3]	-18 -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] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]	-41 -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 2368	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8] tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	2368 2688	2368	
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	

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

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

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

CmMtrCurrTempOffset\_Scom\_Set

2016-07-24, 13:51:01+0530



**Actual Value Expected Value** tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[3] -20 -20 tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[4] -23 -23 -25 -25 tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[5] tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[6] -27 -27 tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[7] -29 -29 tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[8] -31 -31 tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[9] -33 -33  $tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[10]$ -35 -35 tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[11] -37 -37  $tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[12]$ -39 -39 tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[13] -41 -41 tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[14] -43 -43 tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[15] -45 -45 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[0] -14 -14 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[1] -16 -16 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[2] -18 -18  $tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[3]$ -20 -20 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[4] -23 -23  $tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[5]$ -25 -25 -27 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[6] -27 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[7] -29 -29 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[8] -31 -31 -33 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[9] -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

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

-41

-43

-45

-41

-43

-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_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	0
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	320
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	640
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]	960
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	1600
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]	1280
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]	1920
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	2240
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]	2560
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]	2880
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	3200
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	3520
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]	3840
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]	4160
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]	4480
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]	4800
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0]	-47
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1]	-49
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2]	-51
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]	-53
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4]	2
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[5]	4
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]	6
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7]	8
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]	10
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9]	12
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]	14
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[11]	16
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12]	18
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13]	20
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[14]	23
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[15]	25

2016-07-24, 13:51:01+0530



 ${\it CmMtrCurrTempOffset\_Scom\_Set}$ 

Eg. CurrTempOffical CurrOffserY2_Volts_sep11[0]   5:3	Name	Input Value		
Section   Sect		•		
Security				
192_Conf.   193_Conf.   193_				
Section   Sect		-53		
Sec. Currence Courrence (Currence Currence Cur	tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4]	-53		
		-53		
Section   Sect	tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6]	-53		
Inc. Curt Temp Office Curt Comp Office	tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7]	-53		
Inc. CurrimpOffice CurrimpOf	tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]	-53		
Second   S	tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]	-53		
Section   Sect	tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]	-53		
Section   Sect	tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]	-53		
Section   Sect	tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]	-53		
Section   Sect	tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]	-53		
Mane	tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]	-53		
Actual Value	tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]	-53		
Sp. Pim. CurrTempOffiest CurrTempOffiestX DespC. s109019   0   0   0   0   0   0   0   0   0	tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Sp.Pm_CurrTempOffset CurrTempOffset N.Peg.C. s10p5(1)   320   98	Name	Actual Value	Expected Value	Result
Sept.Pmm_CurrTempOffiset_CurrTempOffiset_CutrEmpCriset_C	tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[0]	0	0	~
Fig.Pm_CurrTempOffset.CurrTempOffsetX_DegC_105p[2]   940		320	320	<b>✓</b>
Fig. Pim. CurrTempOffsex CurrTempOffsex N. DepC. s10p5(5)   1220   122	tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[2]	640	640	<b>✓</b>
Sept. Princ CurriempOffsex (DuriempOffsex)   DepC_310p5[4]	tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[3]	960	960	<b>✓</b>
Ig.Pm_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]   1920   1920   1920   1921   1921   1921   1921   1921   1921   1921   1921   1921   1922   1921   1922   192		1600	1600	~
In   Pm   Curr   Curr		1280	1280	<b>✓</b>
The Curr   Cur	tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[6]	1920	1920	<b>✓</b>
SEP   Pin CurrTempOffset CurrTempOffset No. DegC_s10p5[10]   2880   32	tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[7]	2240	2240	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]         3200         3200           tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]         3520         3520           tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]         4180         3840           tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]         4180         4180           tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]         4800         4800           tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]         4800         4800           tgt_Pim_CurrTempOffset.CurrOffsetY1_volts_s4p1[1]         49         49           tgt_Pim_CurrTempOffset.CurrOffsetY1_volts_s4p1[1]         49         49           tgt_Pim_CurrTempOffset.CurrOffsetY1_volts_s4p1[13]         53         53           tgt_Pim_CurrTempOffset.CurrOffsetY1_volts_s4p1[13]         53         53           tgt_Pim_CurrTempOffset.CurrOffsetY1_volts_s4p1[16]         4         4           tgt_Pim_CurrTempOffset.CurrOffsetY1_volts_s4p1[16]         6         6           tgt_Pim_CurrTempOffset.CurrOffsetY1_volts_s4p1[16]         10         0           tgt_Pim_CurrTempOffset.CurrOffsetY1_volts_s4p1[16]         10         0           tgt_Pim_CurrTempOffset.CurrOffsetY1_volts_s4p1[16]         12         12           tgt_Pim_CurrTempOffset.CurrOffsetY1_volts_s4p1[16]         14	tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[8]	2560	2560	<b>✓</b>
	tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	2880	2880	<b>✓</b>
tgt_Pim_Cur/TempOffset.Cur/TempOffsetX_DegC_s10p5[12]         3840         3840           tgt_Pim_Cur/TempOffset.Cur/TempOffsetX_DegC_s10p5[13]         4160         4160           tgt_Pim_Cur/TempOffset.Cur/TempOffsetX_DegC_s10p5[14]         4480         4480           vgt_Pim_Cur/TempOffset.Cur/TempOffsetX_DegC_s10p5[15]         4800         4800           vgt_Pim_Cur/TempOffset.Cur/OffsetY1_Volts_s4p1[10]         47         47           vgt_Pim_Cur/TempOffset.Cur/OffsetY1_Volts_s4p1[12]         49         49           vgt_Pim_Cur/TempOffset.Cur/OffsetY1_Volts_s4p1[3]         53         53           vgt_Pim_Cur/TempOffset.Cur/OffsetY1_Volts_s4p1[8]         4         4           vgt_Pim_Cur/TempOffset.Cur/OffsetY1_Volts_s4p1[8]         4         4           vgt_Pim_Cur/TempOffset.Cur/OffsetY1_Volts_s4p1[8]         6         6           vgt_Pim_Cur/TempOffset.Cur/OffsetY1_Volts_s4p1[8]         10         10           vgt_Pim_Cur/TempOffset.Cur/OffsetY1_Volts_s4p1[8]         10         10           vgt_Pim_Cur/TempOffset.Cur/OffsetY1_Volts_s4p1[18]         12         12           vgt_Pim_Cur/TempOffset.Cur/OffsetY1_Volts_s4p1[16]         14         14         14           vgt_Pim_Cur/TempOffset.Cur/OffsetY1_Volts_s4p1[16]         16         16         16         16           vgt_Pim_Cur/TempOffset.Cur/OffsetY1_Volts_	tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	3200	3200	<b>✓</b>
tgt_Pim_CurrTempOffset CurrTempOffsetX_DegC_s10p5[13]	tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	3520	3520	<b>✓</b>
tgl_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	3840	3840	<b>✓</b>
tgl_Pim_CurrTempOffset CurrOffsetYI_volts_s4p11(0)         47         47           tgl_Pim_CurrTempOffset CurrOffsetYI_volts_s4p11(0)         47         47           tgl_Pim_CurrTempOffset CurrOffsetYI_volts_s4p11(3)         49         49           tgl_Pim_CurrTempOffset CurrOffsetYI_volts_s4p11(3)         53         53           tgl_Pim_CurrTempOffset CurrOffsetYI_volts_s4p11(3)         53         53           tgl_Pim_CurrTempOffset CurrOffsetYI_volts_s4p11(6)         4         4           tgl_Pim_CurrTempOffset CurrOffsetYI_volts_s4p11(6)         6         6           tgl_Pim_CurrTempOffset CurrOffsetYI_volts_s4p11(7)         8         8           tgl_Pim_CurrTempOffset CurrOffsetYI_volts_s4p11(8)         10         10           tgl_Pim_CurrTempOffset CurrOffsetYI_volts_s4p11(9)         12         12           tgl_Pim_CurrTempOffset CurrOffsetYI_volts_s4p11(10)         14         14           tgl_Pim_CurrTempOffset CurrOffsetYI_volts_s4p11(11)         16         16           tgl_Pim_CurrTempOffset CurrOffsetYI_volts_s4p11(13)         20         20           tgl_Pim_CurrTempOffset CurrOffsetYI_volts_s4p11(14)         23         23           tgl_Pim_CurrTempOffset CurrOffsetYI_volts_s4p11(16)         53         -53           tgl_Pim_CurrTempOffset CurrOffsetY2_volts_s4p11(16)         53         -53	tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	4160	4160	<b>✓</b>
tg_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]         -47         -47           tg_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]         -49         -49           tg_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]         -51         -51           tg_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]         -53         -53           tg_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]         6         6           tg_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]         6         6           tg_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]         8         8           tg_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]         10         10           tg_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]         12         12           tg_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]         14         14           tg_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]         18         18           tg_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]         20         20           tg_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]         23         23           tg_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]         25         25           tg_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[16]         -53         -53           tg_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[16]         -53         -53	tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	4480	4480	<b>✓</b>
Igt   Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]   -51   -51   -51     -53   -53   -53     -53   -53     -53   -53     -	tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	4800	4800	<b>✓</b>
tgl_Pim_CurrTempOffset CurrOffsetY1_Volts_s4p11[2]         -51         -51           tgl_Pim_CurrTempOffset CurrOffsetY1_Volts_s4p11[3]         -53         -53           tgl_Pim_CurrTempOffset CurrOffsetY1_Volts_s4p11[6]         2         2           tgl_Pim_CurrTempOffset CurrOffsetY1_Volts_s4p11[6]         6         6           tgl_Pim_CurrTempOffset CurrOffsetY1_Volts_s4p11[8]         10         10           tgl_Pim_CurrTempOffset CurrOffsetY1_Volts_s4p11[8]         10         10           tgl_Pim_CurrTempOffset CurrOffsetY1_Volts_s4p11[9]         12         12           tgl_Pim_CurrTempOffset CurrOffsetY1_Volts_s4p11[10]         14         14           tgl_Pim_CurrTempOffset CurrOffsetY1_Volts_s4p11[11]         16         16           tgl_Pim_CurrTempOffset CurrOffsetY1_Volts_s4p11[3]         20         20           tgl_Pim_CurrTempOffset CurrOffsetY1_Volts_s4p11[4]         23         23           tgl_Pim_CurrTempOffset CurrOffsetY2_Volts_s4p11[6]         25         25           tgl_Pim_CurrTempOffset CurrOffsetY2_Volts_s4p11[6]         25         25           tgl_Pim_CurrTempOffset CurrOffsetY2_Volts_s4p11[6]         23         23           tgl_Pim_CurrTempOffset CurrOffsetY2_Volts_s4p11[6]         25         25           tgl_Pim_CurrTempOffset CurrOffsetY2_Volts_s4p11[6]         25         25	tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	-47	-47	<b>✓</b>
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[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.CurrOffsetY2_Volts_s4p11[16]         25         25           tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]         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.CurrOffsetY1_Volts_s4p11[1]	-49	-49	<b>✓</b>
tgl. Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]         2           tgl. Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]         4           tgl. Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]         6           tgl. Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]         10           tgl. Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]         10           tgl. Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]         12           tgl. Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]         14           tgl. Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]         16           tgl. Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]         18           tgl. Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]         20           tgl. Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]         23           tgl. Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[16]         25           tgl. Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]         53           tgl. Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]         53           tgl. Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]         53           tgl. Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]         53           tgl. Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]         53           tgl. Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]         53           tgl. Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]         53	tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	-51	-51	•
tgt. Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]         6         6           tgt. Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]         8         8           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.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[4]         -53         -53           tgt. Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]         -53         -53           tgt. Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]         -53         -53<	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[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.CurrOffsetY2_volts_s4p11[15]         25         25           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[6]         53         53           tgt_Pim_CurrTempOffset.CurrOffsetY2_volts_s4p11[6]         53         53           tgt_Pim_CurrTempOffset.CurrOffsetY2_volts_s4p11[9]         53         53	tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	2	2	~
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.CurrOffsetY2_Volts_s4p11[0]         -53         -53           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[6]         -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[9]         -53         -53	tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	4	4	~
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[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[8]         -53         -53           tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]         -53         -53	tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	6	6	~
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.CurrOffsetY2_Volts_s4p11[15]         25         25           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[6]         -53         -53           tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]         -53         -53           tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]         -53         -53 <td>tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]</td> <td>8</td> <td>8</td> <td>✓</td>	tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	8	8	✓
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[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[7]         -53         -53           tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]         -53         -53           tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]         -53         -53           tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]         -53         -5	tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	10	10	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]         16         16           tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]         18         18           tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]         20         20           tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]         23         23           tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]         25         25           tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]         -53         -53           tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]         -53         -53           tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]         -53         -53           tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]         -53         -53           tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]         -53         -53           tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]         -53         -53           tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]         -53         -53<	tgt_Pim_CurrTempOffset.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.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[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[	tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	14	14	<b>✓</b>
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]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11	tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	16	16	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]       23       23         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[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[11]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11	tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	18	18	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]       25       25         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s	tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	20	20	<b>✓</b>
tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]       -53       -53         tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]       -53       -53         tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]       -53       -53         tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]       -53       -53         tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]       -53       -53         tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]       -53       -53         tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]       -53       -53         tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]       -53       -53         tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]       -53       -53         tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]       -53       -53         tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]       -53       -53         tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]       -53       -53         tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]       -53       -53         tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]       -53       -53         tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]       -53       -53         tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]       -53       -53	tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	23	23	<b>✓</b>
tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]       -53       -53         tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]       -53       -53         tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]       -53       -53         tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]       -53       -53         tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]       -53       -53         tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]       -53       -53         tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]       -53       -53         tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]       -53       -53         tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]       -53       -53         tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]       -53       -53         tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]       -53       -53         tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]       -53       -53         tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]       -53       -53         tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]       -53       -53         tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]       -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[11]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]       -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[12]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]       -53       -53	tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	-53	-53	✓
tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]       -53       -53         tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]       -53       -53         tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]       -53       -53         tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]       -53       -53         tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]       -53       -53         tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]       -53       -53         tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]       -53       -53         tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]       -53       -53         tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]       -53       -53         tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]       -53       -53         tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]       -53       -53         tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]       -53       -53	tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	-53	-53	~
tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]       -53       -53         tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]       -53       -53         tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]       -53       -53         tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]       -53       -53         tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]       -53       -53         tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]       -53       -53         tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]       -53       -53         tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]       -53       -53         tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]       -53       -53         tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]       -53       -53         tgl_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]       -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[12]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]       -53       -53	tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	-53	-53	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]       -53       -53	tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	-53	-53	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]       -53       -53	tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	-53	-53	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]       -53       -53	tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	-53	-53	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]       -53       -53	tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	-53	-53	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]       -53       -53	tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	-53	-53	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]       -53       -53         v       -53       -53	tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	-53	-53	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13] -53 -53 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14] -53 -53	tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	-53	-53	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14] -53 -53	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[15] -53 -53	tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]			•
	tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	-53	-53	~

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

CmMtrCurrTempOffset\_Scom\_Set



Test Step 1.14 (Repeat Count = 1) Input Value Name 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 tqt CurrTempOffCal.CurrTempOffsetX DegC s10p5[6] 2144  $tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[7]$ 2464 2784 tat CurrTempOffCal.CurrTempOffsetX DegC s10p5[8] tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[9] 3104 tat CurrTempOffCal.CurrTempOffsetX DeaC s10p5[10] 3424 tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[11] 3744 tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[12] 4064  $tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[13]$ 4384  $tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[14]$ 4480 4704 tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[15] tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[0]  $tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[1]$ 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 27 tat CurrTempOffCal.CurrOffsetY1 Volts s4p11[12] tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[13] 29 tqt CurrTempOffCal.CurrOffsetY1 Volts s4p11[14] 31 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[15] 33 tqt CurrTempOffCal.CurrOffsetY2 Volts s4p11[0] 53 tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[1] 53 tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[2] 53 tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[3] 53 tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[4] 53 tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[5] 53 tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[6] 53 tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[7] 53 tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[8] 53 53 tgt CurrTempOffCal.CurrOffsetY2 Volts s4p11[9] 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 **Actual Value** Expected Value Result  $tgt\_Pim\_CurrTempOffset.CurrTempOffsetX\_DegC\_s10p5[0]$ 544 544 tgt\_Pim\_CurrTempOffset.CurrTempOffsetX\_DegC\_s10p5[1]  $tgt\_Pim\_CurrTempOffset.CurrTempOffsetX\_DegC\_s10p5[2]$ 864  $tgt\_Pim\_CurrTempOffset.CurrTempOffsetX\_DegC\_s10p5[3]$ 1184 1184 1504 1504  $tgt\_Pim\_CurrTempOffset.CurrTempOffsetX\_DegC\_s10p5[4]$ 1824 1824 tgt\_Pim\_CurrTempOffset.CurrTempOffsetX\_DegC\_s10p5[5]  $tgt\_Pim\_CurrTempOffset.CurrTempOffsetX\_DegC\_s10p5[6]$ 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 **v** 3744 tgt\_Pim\_CurrTempOffset.CurrTempOffsetX\_DegC\_s10p5[11] 3744  $tgt\_Pim\_CurrTempOffset.CurrTempOffsetX\_DegC\_s10p5[12]$ 4064 4064 4384 tgt\_Pim\_CurrTempOffset.CurrTempOffsetX\_DegC\_s10p5[13] 4384 4480 4480 tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[14] 4704 4704 tgt\_Pim\_CurrTempOffset.CurrTempOffsetX\_DegC\_s10p5[15] tqt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[0] 2 2

4

6

6

tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[1]

2016-07-24, 13:51:01+0530



CmMtrCurrTempOffset\_Scom\_Set

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	<b>✓</b>
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	<b>✓</b>
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	<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]	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	<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	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	53	53	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	53	53	~

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

2016-07-24, 13:51:01+0530



CmMtrCurrTempOffset\_Scom\_Set

Name	Input Value		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0]	2		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1]	4		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2]	6		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3]	8		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4]	10		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[5]	12		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6]	14		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7]	16		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]	18		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]	20		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]	23		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]	25		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]	27		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13] 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	result
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	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	1312	1312	<b>✓</b>
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	✓
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	2592	2592	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	2912	2912	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	3232	3232	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	3552	3552	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	3872	3872	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	4192	4192	<b>*</b>
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	4512	4512	· · · · · ·
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15] tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	4768 35	4768 35	
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[1]	37	37	_
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	39	39	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	41	41	•
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	43	43	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	45	45	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	47	47	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	49	49	<b>✓</b>
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 -12	-10 -12	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	2	2	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	4	4	
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[2]	6	6	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	8	8	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	10	10	<b>✓</b>
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	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	18	18	•
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	20	20	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	23	23	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	25	25	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	27	27	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	29	29	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	31	31 33	
GC_IIII_Cull Tellipoliset.CullOliset12_Volts_54p11[10]	- 00	33	

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



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	-1184	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	-928	-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] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	3552 3648		
tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[10] 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] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[11]	-35 -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] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]	0		
tgt CurrTempOffCal.CurrOffsetY2 Volts s4p11[10]	0		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]	0		
tgt CurrTempOffCal.CurrOffsetY2 Volts s4p11[12]	0		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]	0		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]	0		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]	0		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Result
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	-1184	-1184	✓
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	-928	-928	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	480	480	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	960	960	<b>~</b>
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	1440	1440	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	1920	1920	<b>~</b>
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6] 2240 2240		· ·	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7] 2400 2400 2400 2496			
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9] 2496 2496 2496 2496 2496			
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		<b>✓</b>
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	4576		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	4736	4736	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	-14	-14	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	-16	-16	<b>~</b>
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	-18	-18	<u> </u>

2016-07-24, 13:51:01+0530



CmMtrCurrTempOffset\_Scom\_Set

Name	Actual Value	Expected Value	Result
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	-20	-20	✓
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	-23	-23	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	-25	-25	<b>✓</b>
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	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	-39	-39	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	-41	-41	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	-43	-43	✓
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	-45	-45	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	0	0	✓
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	0	0	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	0	0	✓
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	0	0	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	0	0	✓
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	0	0	<b>✓</b>
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	<b>~</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	0	0	✓
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	0	0	<b>~</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	0	0	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	0	0	✓

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

2016-07-24, 13:51:01+0530



 ${\it CmMtrCurrTempOffset\_Scom\_Set}$ 

Name	Input Value		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0]	-14		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1]	-16		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2]	-18		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3]	-20		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4]	-23		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[5]	-25		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6]	-27		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7]	-29		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]	-31		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]	-33		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]	-35		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]	-37		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]	-39		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]	-41		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]	-43		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]	-45		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Result
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	0	0	~
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[1]	192	192	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	512	512	
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[3]	832	832	<b>~</b>
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	-
	3072	3072	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10] tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	3392	3392	-
		3712	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	3712		-
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	4032	4032	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	4352	4352	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	4672	4672	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	-47	-47	•
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	-49	-49	•
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	-51	-51	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	-53	-53	<b>V</b>
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	2	2	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	4	4	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	6	6	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	8	8	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	10	10	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	12	12	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	14	14	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	16	16	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	18	18	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	20	20	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	23	23	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	25	25	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	-14	-14	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	-16	-16	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	-18	-18	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	-20	-20	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	-23	-23	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	-25	-25	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	-27	-27	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	-29	-29	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	-31	-31	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	-33	-33	•
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	-35	-35	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	-37	-37	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	-39	-39	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	-41	-41	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	-43	-43	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	-45	-45	~

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

2016-07-24, 13:51:01+0530

Razorcat

CmMtrCurrTempOffset\_Scom\_Set

2016-07-24, 13:46:50+0530



CmMtrCurr\_SCom\_CalOffset

Project CmMtrCurr1

Module CmMtrCurr\_MTRCURRPHASEBC\_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= -DMTRCURRPHASEBC -I\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\$(PROJECTROOT)\CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\$(PROJECTROOT)\CmMtrCurr\utp\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= -DMTRCURRPHASEBC -I\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\$(PROJECTROOT)\CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\$(PROJECTROOT)\CmMtrCurr\utp\\indt

Comments/Description/Specification	
Name	Text



Module
'CmMtrCurr\_MTRCURRPHASEBC\_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
Unit Test Plan Version: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):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\_AttrCurr2SumLo\_Volt\_M\_f32\_AttrCurr2SumLo\_Volt\_M\_f32\_AttrCurr2SumLo\_Volt\_M\_f32\_AttrCurr2SumLo\_Volt\_M\_f32\_AttrCurr2SumLo\_Volt\_M\_f32\_AttrCurr2SumLo\_Volt\_M\_f32\_AttrCurr2SumZero\_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 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_CmMtrCuri	r_MtrVel_MtrRadpS_f32_data		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCuri	r_VehSpd_Kph_f32_data		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCur	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			
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	<b>✓</b>	

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

Test Step 1.2 (Repeat Count = 1)			✓	
Name	Input Value			
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0			
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCur	r_MtrVel_MtrRadpS_f32_data		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCur	r_VehSpd_Kph_f32_data		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCur	r_VhSpdValid_Cnt_lgc_data		
k_MaxCurrOffMtrVel_RadpS_f32	10	10		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	-285			
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	186			
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	<b>✓</b>	
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0	0	<b>✓</b>	
CmMtrCurr_SCom_CalOffset()	34	34	~	
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	0	0	✓	

Test Step 1.3 (Repeat Count = 1)			✓	
Name	Input Value			
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1			
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCur	r_MtrVel_MtrRadpS_f32_data		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCur	r_VehSpd_Kph_f32_data		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCur	r_VhSpdValid_Cnt_lgc_data		
k_MaxCurrOffMtrVel_RadpS_f32	13	13		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	0			
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	0			
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	0			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	✓	
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1	1	✓	
CmMtrCurr_SCom_CalOffset()	21	21	<b>✓</b>	
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	1	1	~	



# Test Case 2: Range Test Specification Performance Metrics : [With "None" Instrumentation and WithPS Environment] CPU Cycles: CPU Cycles: TC2.1 1036.00 Cycles TC2.2 1036.00 Cycles TC2.3 1036.00 Cycles TC2.3 1036.00 Cycles TC2.4 1036.00 Cycles TC2.5 1036.00 Cycles TC2.5 1036.00 Cycles TC2.6 1036.00 Cycles TC2.7 1036.00 Cycles TC2.9 1034.00 Cycles TC2.10 1036.00 Cycles TC2.11 1036.00 Cycles TC2.11 1046.00 Cycles TC2.12 1034.00 Cycles TC2.13 1036.00 Cycles TC2.14 1036.00 Cycles TC2.15 1036.00 Cycles TC2.16 1036.00 Cycles TC2.17 1052.00 Cycles TC2.18 1044.00 Cycles TC2.19 1044.00 Cycles TC2.19 1044.00 Cycles TC2.20 1044.00 Cycles

#### VECTOR DESCRIPTION: Description

TS2.1All Min TS2.2All Max

TS2.2All Max
TS2.3CurrentGainSvc\_Cnt\_M\_lgc==>True
TS2.4CurrentGainSvc\_Cnt\_M\_lgc==>True
TS2.4CurrentGainSvc\_Cnt\_M\_lgc==>True
TS2.5MtrVel\_MtrRadpS\_f32==>Min
TS2.6MtrVel\_MtrRadpS\_f32==>Max
TS2.7MtrVel\_MtrRadpS\_f32==>Pos
TS2.8MtrVel\_MtrRadpS\_f32==>Neg
TS2.9MtrVel\_MtrRadpS\_f32==>Neg
TS2.10VhSpdValid\_Cnt\_lgc==>True
TS2.11VhSpdValid\_Cnt\_lgc==>True
TS2.11VhSpdValid\_Cnt\_lgc==>False
TS2.12k\_MaxCurrOffMtrVel\_RadpS\_f32==>Min
TS2.13k\_MaxCurrOffMtrVel\_RadpS\_f32==>Max
TS2.14k\_MaxCurrOffMtrVel\_RadpS\_f32==>Pos
TS2.16k\_MaxCurrOffMtrVel\_RadpS\_f32==>Neg
TS2.16k\_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_CmMtrCuri	r_MtrVel_MtrRadpS_f32_data		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCuri	r_VehSpd_Kph_f32_data		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_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	✓	
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0	0	✓	
CmMtrCurr_SCom_CalOffset()	34	34	~	
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	0	0	<b>~</b>	

Test Step Call Trace				<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 2.2 (Repeat Count = 1)	✓
Name	Input Value
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data

2016-07-24, 13:46:50+0530



Name	Input Value		
k_MaxCurrOffMtrVel_RadpS_f32	20		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	1118		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	255		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1	1	•
CmMtrCurr_SCom_CalOffset()	34	34	•
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	1	1	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	<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_lgc	1	Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc	1	<b>✓</b>

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_CmMtrCurr	_MtrVel_MtrRadpS_f32_data		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr	_VehSpd_Kph_f32_data		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr	_VhSpdValid_Cnt_lgc_data		
k_MaxCurrOffMtrVel_RadpS_f32	-6.32499981	-6.32499981		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	652.325378			
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	65.2139969			
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	0			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~	
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1	1	<b>✓</b>	
CmMtrCurr_SCom_CalOffset()	34	34	~	
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	1	1	<b>✓</b>	

Test Step Call Trace				<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 2.4 (Repeat Count = 1)			✓	
Name	Input Value			
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0			
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_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	8.2510004	8.2510004		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	-65.25			
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	125.32			
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~	
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0	0	✓	
CmMtrCurr_SCom_CalOffset()	34	34	~	
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	0	0	<b>✓</b>	

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

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



Test Step 2.5 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_	MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_	VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_	VhSpdValid_Cnt_lgc_data	
k_MaxCurrOffMtrVel_RadpS_f32	-11.6234684		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	-1118		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	65.3249969		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	0		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	✓
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0	0	✓
CmMtrCurr SCom CalOffset()	34	34	<b>✓</b>

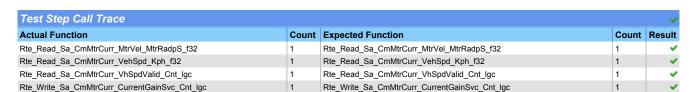
Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc	1	Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc	1	<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_CmMtrCur	r_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	<b>✓</b>
CmMtrCurr_SCom_CalOffset()	34	34	~
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	1	1	~

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~	
Rte Write Sa CmMtrCurr CurrentGainSvc Cnt loc	1	Rte Write Sa CmMtrCurr CurrentGainSvc Cnt loc	1	<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	_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	<b>✓</b>
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	0	0	<b>✓</b>



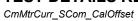


Test Step 2.8 (Repeat Count = 1)			
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr	r_MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr	r_VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr	r_VhSpdValid_Cnt_lgc_data	
k_MaxCurrOffMtrVel_RadpS_f32	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_lgc(data)	1	1	<b>✓</b>

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	<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 2.9 (Repeat Count = 1)			
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_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	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	<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>

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~	
Rte Write Sa CmMtrCurr CurrentGainSvc Cnt lgc	1	Rte Write Sa CmMtrCurr CurrentGainSvc Cnt lgc	1	<b>~</b>	





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_CmMtrCur	r_MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCur	r_VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCur	r_VhSpdValid_Cnt_lgc_data	
k_MaxCurrOffMtrVel_RadpS_f32	2.42746878		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	2.98000002		
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	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc	1	Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc	1	<b>~</b>

Test Step 2.11 (Repeat Count = 1)			✓	
Name	Input Value			
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0			
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCur	r_MtrVel_MtrRadpS_f32_data		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCur	r_VehSpd_Kph_f32_data		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCur	r_VhSpdValid_Cnt_lgc_data		
k_MaxCurrOffMtrVel_RadpS_f32	7.63191891	7.63191891		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	7			
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	246.25			
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	0			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~	
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0	0	~	
CmMtrCurr_SCom_CalOffset()	21	21	~	
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	0	0	~	

Test Step Call Trace						
Actual Function	Count	Expected Function	Count	Result		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~		
Rte Write Sa CmMtrCurr CurrentGainSvc Cnt loc	1	Rte Write Sa CmMtrCurr CurrentGainSvc Cnt loc	1	<b>✓</b>		

Test Step 2.12 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr	_MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr	_VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr	_VhSpdValid_Cnt_lgc_data	
k_MaxCurrOffMtrVel_RadpS_f32	-20		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	-987.650024		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	65.5400009		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	0		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1	1	<b>✓</b>
CmMtrCurr_SCom_CalOffset()	34	34	~
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	1	1	✓





Test Step 2.13 (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_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_MaxCurrOffMtrVel_RadpS_f32	20		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	-35.9799995		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	24.9799995		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0	0	~
CmMtrCurr_SCom_CalOffset()	34	34	~
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	0	0	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	<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 2.14 (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	15.5		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	-785.450012		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	14.3999996		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	0		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	<b>✓</b>
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1	1	✓
CmMtrCurr_SCom_CalOffset()	34	34	✓
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	1	1	<b>✓</b>

Test Step Call Trace						
Actual Function	Count	Expected Function	Count	Result		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~		
Rte Write Sa CmMtrCurr CurrentGainSvc Cnt lgc	1	Rte Write Sa CmMtrCurr CurrentGainSvc Cnt lgc	1	<b>~</b>		



Test Step 2.15 (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	_VhSpdValid_Cnt_lgc_data			
k_MaxCurrOffMtrVel_RadpS_f32	0	0			
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	25.6580009				
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	254.600006				
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1				
Name	Actual Value	Expected Value	Result		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0 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	✓		

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~	
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc	1	Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc	1	<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_CmMtrCurr	_MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr	_VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr	_VhSpdValid_Cnt_lgc_data	
k_MaxCurrOffMtrVel_RadpS_f32	-13.5		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	-98.1589966		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	9.80000019		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	0		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1	1	~
CmMtrCurr_SCom_CalOffset()	34	34	~
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	1	1	~

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	•	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	•	
Rte Write Sa CmMtrCurr CurrentGainSvc Cnt Igc	1	Rte Write Sa CmMtrCurr CurrentGainSvc Cnt Igc	1	<b>✓</b>	

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		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	2.98000002		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	0		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1	1	<b>✓</b>
CmMtrCurr_SCom_CalOffset()	0	0	<b>✓</b>
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	1	1	<b>~</b>



Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~
Pto Write Sa CmMtrCurr CurrentGainSvc Cnt Igo	1	Pto Write Sa CmMtrCurr CurrentGainSvc Cnt Inc	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_CmMtrCu	rr_MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCu	rr_VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCu	rr_VhSpdValid_Cnt_lgc_data	
k_MaxCurrOffMtrVel_RadpS_f32	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	~
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	1	1	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	<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 2.19 (Repeat Count = 1)				
Name	Input Value			
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1			
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_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	r_VhSpdValid_Cnt_lgc_data		
k_MaxCurrOffMtrVel_RadpS_f32	6.55960798			
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	6.32499981			
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	255			
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	0			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	<b>✓</b>	
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1	1	✓	
CmMtrCurr_SCom_CalOffset()	21	21	<b>✓</b>	
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	1	1	✓	

Test Step Call Trace						
Actual Function	Count	Expected Function	Count	Result		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~		
Rte Write Sa CmMtrCurr CurrentGainSvc Cnt lgc	1	Rte Write Sa CmMtrCurr CurrentGainSvc Cnt lgc	1	<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_Mt	rRadpS_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_VhSpdVal	id_Cnt_lgc_data	
k_MaxCurrOffMtrVel_RadpS_f32	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>	3: Path Test	✓
Specification	Performance Metrics: [With "None" Instrumentation and WithPS Environment]	
	CPU Cycles:	
	TS3.1 2134.00 Cycles TS3.2 1986.00 Cycles TS3.3 1970.00 Cycles TS3.4 1963.00 Cycles TS3.5 2000.00 Cycles	
Description	VECTOR DESCRIPTION:	
	TS3.1 "( (Abs_f32_m(MtrVel_MtrRadpS_T_f32) < k_MaxCurrOffMtrVel_RadpS_f32) && (ProductionMode!= Mec_Cnt_T_enum))=False" TS3.2 "( (Abs_f32_m(MtrVel_MtrRadpS_T_f32) < k_MaxCurrOffMtrVel_RadpS_f32) && (ProductionMode!= Mec_Cnt_T_enum))=True ((VehSpd_Kph_T_f32 < FLT_EPSILON) && (VhSpdValid_T_Cnt_lgc == TRUE))=False" TS3.3 "( (VehSpd_Kph_T_f32 < FLT_EPSILON) && (VhSpdValid_T_Cnt_lgc == TRUE))=True" TS3.4 "( (Abs_f32_m(MtrVel_MtrRadpS_T_f32) < k_MaxCurrOffMtrVel_RadpS_f32) =True&& (ProductionMode!= Mec_Cnt_T_enum) =False)" TS3.5 "( (VehSpd_Kph_T_f32 < FLT_EPSILON) =True&& (VhSpdValid_T_Cnt_lgc == TRUE) =False)"	

Test Step 3.1 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCuri	_MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCuri	_VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCuri	_VhSpdValid_Cnt_lgc_data	
k_MaxCurrOffMtrVel_RadpS_f32	-20		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	-1118		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	0		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	0		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0	0	<b>✓</b>
CmMtrCurr_SCom_CalOffset()	34	34	~
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	0	0	✓

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	•	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~	
Rte Write Sa CmMtrCurr CurrentGainSvc Cnt lgc	1	Rte Write Sa CmMtrCurr CurrentGainSvc Cnt Igc	1	_	

Test Step 3.2 (Repeat Count = 1)			
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_Igc_data		

CmMtrCurr\_SCom\_CalOffset

2016-07-24, 13:46:50+0530



Name	Input Value		
k_MaxCurrOffMtrVel_RadpS_f32	16.7347775		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	5		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	31.509201		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1	1	✓
CmMtrCurr_SCom_CalOffset()	21	21	✓
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	1	1	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc	1	Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc	1	<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_CmMtrCuri	r_MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCuri	r_VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCuri	r_VhSpdValid_Cnt_lgc_data	
k_MaxCurrOffMtrVel_RadpS_f32	2.42746878		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	2		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	0		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	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 Igc(data)	1	1	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc	1	Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc	1	<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_CmMtrCur	r_MtrVel_MtrRadpS_f32_data		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCur	r_VehSpd_Kph_f32_data		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCur	r_VhSpdValid_Cnt_lgc_data		
k_MaxCurrOffMtrVel_RadpS_f32	16.7347775	16.7347775		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	5			
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	31.509201			
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~	
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0		<b>✓</b>	
CmMtrCurr_SCom_CalOffset()	21	21	~	
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	0	0	<b>✓</b>	

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

2016-07-24, 13:46:50+0530



Test Step 3.5 (Repeat Count = 1)			✓	
Name	Input Value			
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0			
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCur	r_MtrVel_MtrRadpS_f32_data		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCur	r_VehSpd_Kph_f32_data		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCur	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			
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 0		
CmMtrCurr_SCom_CalOffset()	21	21	~	
Rte Write Sa CmMtrCurr CurrentGainSvc Cnt Igc(data)	0	0	✓	

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

2016-07-24, 13:36:57+0530



CmMtrCurr\_Init

Project CmMtrCurr1

Module CmMtrCurr\_MTRCURRPHASEBC\_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= -DMTRCURRPHASEBC -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= -DMTRCURRPHASEBC -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 MTRCURRPHASEBC 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 Performance M

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

CPU Cycles:

TS1.1 526.00 Cycles TS1.2 602.00 Cycles

**Description** VECTOR DESCRIPTION:

 $TS1.1 \quad Shortest \ Execution \ Path==> ((Rte\_Pim\_ShCurrCal()->EOLMtrCurrVcalCmd\_VoltCnts\_f32) >= D\_MINVCALCMD\_CNT\_F32) = True \\ TS1.2 \quad Longest \ Execution \ Path==> ((Rte\_Pim\_ShCurrCal()->EOLMtrCurrVcalCmd\_VoltCnts\_f32) >= D\_MINVCALCMD\_CNT\_F32) = False \\ TS1.2 \quad Longest \ Execution \ Path==> ((Rte\_Pim\_ShCurrCal()->EOLMtrCurrVcalCmd\_VoltCnts\_f32) >= D\_MINVCALCMD\_CNT\_F32) = False \\ TS1.3 \quad Longest \ Execution \ Path==> ((Rte\_Pim\_ShCurrCal()->EOLMtrCurrVcalCmd\_VoltCnts\_f32) >= D\_MINVCALCMD\_CNT\_F32) = False \\ TS1.4 \quad Longest \ Execution \ Path==> ((Rte\_Pim\_ShCurrCal()->EOLMtrCurrVcalCmd\_VoltCnts\_f32) >= D\_MINVCALCMD\_CNT\_F32) = False \\ TS1.4 \quad Longest \ Execution \ Path==> ((Rte\_Pim\_ShCurrCal()->EOLMtrCurrVcalCmd\_VoltCnts\_f32) >= D\_MINVCALCMD\_CNT\_F32) = False \\ TS1.4 \quad Longest \ Execution \ Path==> ((Rte\_Pim\_ShCurrCal()->EOLMtrCurrVcalCmd\_VoltCnts\_f32) >= D\_MINVCALCMD\_CNT\_F32) = False \\ TS1.4 \quad Longest \ Execution \ Path==> ((Rte\_Pim\_ShCurrCal()->EOLMtrCurrVcalCmd\_VoltCnts\_f32) >= D\_MINVCALCMD\_CNT\_F32) = False \\ TS1.4 \quad Longest \ Execution \ Path==> ((Rte\_Pim\_ShCurrCal()->EOLMtrCurrVcalCmd\_VoltCnts\_f32) >= D\_MINVCALCMD\_CNT\_F32) = False \\ TS1.4 \quad Longest \ Execution \ Path==> ((Rte\_Pim\_ShCurrCal()->EOLMtrCurrVcalCmd\_VoltCnts\_f32) >= D\_MINVCALCMD\_CNT\_F32) = False \\ TS1.4 \quad Longest \ Execution \ Path==> ((Rte\_Pim\_ShCurrCal()->EOLMtrCurrVcalCmd\_VoltCnts\_f32) >= D\_MINVCALCMD\_CNT\_F32) = False \\ TS1.4 \quad Longest \ Execution \ Path==> ((Rte\_Pim\_ShCurrCal()->EOLMtrCurrVcalCmd\_VoltCnts\_f32) >= D\_MINVCALCMD\_CNT\_F32) = False \\ TS1.4 \quad Longest \ Execution \ Path==> ((Rte\_Pim\_ShCurrCal()->EOLMtrCurrVcalCmd\_VoltCnts\_f32) >= D\_MINVCALCMD\_CNT\_F32) = False \\ TS1.4 \quad Longest \ Execution \ Path==> ((Rte\_Pim\_ShCurrCal()->EOLMTRCALCMD\_CNT\_F32) = False \\ TS1.4 \quad Longest \ Execution \ Path==> ((Rte\_Pim\_ShCurrCal()->EOLMTRCALCMD\_CNT\_F32) = False \\ TS1.4 \quad Longest \ Execution \ Path==> ((Rte\_Pim\_ShCurrCal()->EOLMTRCALCMD\_CNT\_F32) = False \\ TS1.4 \quad Longest \ Execution \ Path== ((Rte\_Pim\_ShCurrCal()->EOLMTRCALCMD\_CNT\_F32) = ((Rte\_Pim\_ShCurr$ 

Test Step 1.1 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.117600001		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrFiltFc_Hz_f32	102.382797		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	30761.5977		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.723786235	0.723786235 ± 0.000009	~
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	9.75241928e-005	9.75242001e-005 ± 0.00001	~
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	9.75241928e-005	9.75242001e-005 ± 0.00001	~

Test Step 1.2 (Repeat Count = 1)			<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		
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	<b>✓</b>
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	0	0 ± 0.00001	~



# Test Case 2: Range Test Specification Performance Metrics : [With "None" Instrumentation and WithPS Environment] CPU Cycles: 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 TS2.2 All Max TS2.3 Rte\_Pim\_ShCurrCal.EOLMtrCurr1OffsetDiff\_Volts\_f32==>Min TS2.4 Rte\_Pim\_ShCurrCal.EOLMtrCurr1OffsetDiff\_Volts\_f32==>Max TS2.5 Rte\_Pim\_ShCurrCal.EOLMtrCurr1OffsetDiff\_Volts\_f32==>Pos TS2.6 Rte\_Pim\_ShCurrCal.EOLMtrCurr2OffsetDiff\_Volts\_f32==>Min TS2.7 Rte\_Pim\_ShCurrCal.EOLMtrCurr2OffsetDiff\_Volts\_f32==>Max TS2.8 Rte\_Pim\_ShCurrCal.EOLMtrCurr2OffsetDiff\_Volts\_f32==>Pos TS2.9 Rte\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32==>Min TS2.10 Rte\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32==>Max TS2.11 Rte\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32==>Pos TS2.12 k\_CurrCorrErrFiltFc\_Hz\_f32==>Min TS2.11 Rte\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_Volt0 TS2.12 k\_CurrCorrErrFiltFc\_Hz\_f32==>Min TS2.13 k\_CurrCorrErrFiltFc\_Hz\_f32==>Max TS2.14 k\_CurrCorrErrFiltFc\_Hz\_f32==>Pos TS2.15 CmMtrCurr\_CurrCorrDiagKSV\_M\_str.K==>Min TS2.16 CmMtrCurr\_CurrCorrDiagKSV\_M\_str.K==>Max TS2.17 CmMtrCurr\_CurrCorrDiagKSV\_M\_str.K==>Pos

Test Step 2.1 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrFiltFc_Hz_f32	0		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	0		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0	0 ± 0.000009	~
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	0	0 ± 0.00001	~
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	0	0 ± 0.00001	<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	

2016-07-24, 13:36:57+0530



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	~
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	0	0 ± 0.00001	~
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	0	0 ± 0.00001	~

Test Step 2.4 (Repeat Count = 1)			~
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.117600001		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrFiltFc_Hz_f32	102.382797		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	30761.5977		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.723786235	0.723786235 ± 0.000009	•
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	9.75241928e-005	9.75242001e-005 ± 0.00001	•
CmMtrCurr MtrCurr2OffDelta VoltpVoltCnt M f32	9.75241928e-005	9.75242001e-005 ± 0.00001	•

Test Step 2.5 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.176400006		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrFiltFc_Hz_f32	153.574203		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	39424.3242		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.5		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.78877461		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.854833007	0.854832947 ± 0.000009	~
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	6.34126263e-005	6.34126263e-005 ± 0.00001	~
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	4.53723587e-005	4.53723987e-005 ± 0.00001	~

Test Step 2.6 (Repeat Count = 1)			V
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.235200003		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrFiltFc_Hz_f32	204.765594		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	72006.2109		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.80789995		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.923705935	0.923705935 ± 0.000009	~
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	3.89952475e-005	3.89952002e-005 ± 0.00001	~
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	1.38876912e-005	1.38877003e-005 ± 0.00001	~

Test Step 2.7 (Repeat Count = 1)			<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	<b>~</b>

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)			~
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.470400006		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrFiltFc_Hz_f32	409.531189		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	80000		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.25469995		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.85893345		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.994179249	0.994179189 ± 0.000009	•
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	1.56837486e-005	1.56837996e-005 ± 0.00001	•
CmMtrCurr MtrCurr2OffDelta VoltpVoltCnt M f32	3.57366698e-005	3.57366989e-005 ± 0.00001	•

Test Step 2.11 (Repeat Count = 1)			<b>~</b>
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.529200017		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrFiltFc_Hz_f32	460.722595		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	49634.3672		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.1954		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.8202374		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.996940851	0.996940851 ± 0.000009	-
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	2.40841182e-005	2.40841e-005 ± 0.00001	•
CmMtrCurr MtrCurr2OffDelta VoltpVoltCnt M f32	5.68202558e-005	5.68202995e-005 ± 0.00001	•

Test Step 2.12 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.588
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr

CmMtrCurr\_Init

2016-07-24, 13:36:57+0530



Name	Input Value		
k_CurrCorrErrFiltFc_Hz_f32	0		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	7272.27295		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.53009999		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.62580001		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0	0 ± 0.000009	~
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	0	0 ± 0.00001	~
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	0	0 ± 0.00001	~

Test Step 2.13 (Repeat Count = 1)			<b>~</b>
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.646799982		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrFiltFc_Hz_f32	882.542419		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	14544.5459		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.66919994		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.77359998		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.999984741	0.999984741 ± 0.000009	~
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	0	0 ± 0.00001	~
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	0	0 ± 0.00001	~

Test Step 2.14 (Repeat Count = 1)			~
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.705600023		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrFiltFc_Hz_f32	1.79534292		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	21816.8184		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.80830002		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.92139995		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.0223083496	0.0223083496 ± 0.000009	-
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	8.28855991e-005	8.28855991e-005 ± 0.00001	-
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	8.8069668e-005	8.80696971e-005 ± 0.00001	-

Test Step 2.15 (Repeat Count = 1)			<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	<b>✓</b>
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		
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)			· ·
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	<b>✓</b>
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 3.2 (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	009

2016-07-24, 13:36:57+0530



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	~

 ${\it CmMtrCurrTempOffset\_Scom\_Get}$ 

2016-07-24, 13:54:06+0530



Project CmMtrCurr1

 Module
 CmMtrCurr\_MTRCURRPHASEBC\_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= -DMTRCURRPHASEBC -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= -DMTRCURRPHASEBC -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

Name	Text
Module CmMtrCurr_MTRCURRPHASEBC_	Name of Tester:Chandrakanth Sheegi Code File(s) Under Test:Sa_CmMtrCurr.c Code File(s) Under Test:Sa_CmMtrCurr.c Code File(s) Version:2 Module Design Document:CmMtrCurr_MDD.docx Module Design Document Version:2 Data Dictionary Version:2 Unit Test Plan Version:2 Optimization Level:Level 2 Compiler (CodeGen) Version:TMS470_4.9.5 Model Type:Excel Macro Model Version:Nexteer EPS Unit Test Tool 2.7d/ EPS Library 1.32 Total FLASH Used (Bytes):3176 Total RAM Used (Bytes):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_Volt_M_f32, VecuSum_Volt_M_f32, CmMtrCurr1SumLo_Volt_M_f32, MtrCurr2SumLo_Volt_M_f32, MtrCurr1SumLo_Volt_M_f32, mtrCurr2SumLo_Volt_M_f32, mtrCurr1SumLo_Volt_M_f32, mtrCurr2SumLo_Volt_M_f32, mtrCurr2SumLo_Volt_M_f32, mtrCurr2SumLo_Volt_M_f32, mtrCurr1SumLo_Volt_M_f32, mtrCurr2SumLo_Volt_M_f32, mtrCurr2SumLo_Volt_M_f32

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

CmMtrCurrTempOffset\_Scom\_Get

2016-07-24, 13:54:06+0530



Attributes	
Name	Value
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj
InitSrcDir	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\src</pre>
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	<pre>\$(ProgramFiles)\pls\UDE 4.4</pre>
Time Unit	cycles
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy Work Area\CmMtrCurr FDD1C 010.0 NoUTP\UnitTestEnv\confiq\UDE TMS570 DEBUG.WSP





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

© Report created by TESSY V3.1.13, report template V2.1

3

CmMtrCurrTempOffset\_Scom\_Get

2016-07-24, 13:54:06+0530



Name	Input Value	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	-53	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	-53	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	-53	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	-53	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	-53	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	-53	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	-53	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	-53	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	-53	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	-53	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	-53	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	-53	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	-53	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset	
N.		 

tg_r ini_our reinpoinderedirondertz_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	~
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)		V
Name	Input Value	
CurrTempOffCal	tgt_CurrTempOffCal	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	4800	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	4800	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	4800	

CmMtrCurrTempOffset\_Scom\_Get

2016-07-24, 13:54:06+0530



Input Value  $tgt\_Pim\_CurrTempOffset.CurrTempOffsetX\_DegC\_s10p5[3]$ 4800  $tgt\_Pim\_CurrTempOffset.CurrTempOffsetX\_DegC\_s10p5[4]$ 4800 4800  $tgt\_Pim\_CurrTempOffset.CurrTempOffsetX\_DegC\_s10p5[5]$  $tgt\_Pim\_CurrTempOffset.CurrTempOffsetX\_DegC\_s10p5[6]$ 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 4800 tgt\_Pim\_CurrTempOffset.CurrTempOffsetX\_DegC\_s10p5[15] tat 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 53 tat Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[1] 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 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 **Actual Value Expected Value** tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[0] 4800 4800 tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[1] 4800 4800 tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[2] 4800 4800 4800 4800 tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[3] 4800 4800 tat CurrTempOffCal.CurrTempOffsetX DeaC s10p5[4] tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[5] 4800 4800 tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[6] 4800 4800  $tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[7]$ 4800 4800 tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[8] 4800 4800  $tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[9]$ 4800 4800 tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[10] 4800 4800  $tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[11]$ 4800 4800 tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[12] 4800 4800  $tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[13]$ 4800 4800 ~ tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[14] 4800 4800 4800 4800 tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[15] tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[0] 53 53 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[1] 53 53 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[2] 53 53 53 tat CurrTempOffCal.CurrOffsetY1 Volts s4p11[3] 53 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[4] 53 53 tat CurrTempOffCal.CurrOffsetY1 Volts s4p11[5] 53 53 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[6] 53 53

53

53

53

53

53

53

tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[7]

tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[8]

~

 $tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[12]$ 

 $tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[13]$ 

tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[14]

tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[15]

CmMtrCurrTempOffset\_Scom\_Get

2016-07-24, 13:54:06+0530



Name	Actual Value	Expected Value	Result
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]	53	53	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[11]	53	53	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12]	53	53	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13]	53	53	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[14]	53	53	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[15]	53	53	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0]	53	53	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1]	53	53	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2]	53	53	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3]	53	53	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4]	53	53	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[5]	53	53	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6]	53	53	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7]	53	53	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]	53	53	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]	53	53	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]	53	53	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]	53	53	~

53

53

53

53

53

53

53

53

Nama	Input Value	
Name	Input Value	
CurrTempOffCal	tgt_CurrTempOffCal	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	-1600	
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	-1600	
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	-1600	
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	-1600	
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	-1600	
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	-1600	
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	-1600	
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	-1600	
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	-1600	
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	-1600	
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	-1600	
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	-1600	
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	-1600	
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	-1600	
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	-1600	
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	-1600	
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	-14	
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	-16	
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	-18	
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[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]	2	
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	4	
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	6	
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	8	
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	10	
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	12	
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	14	
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	16	
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	18	
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	20	
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	23	
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	25	

CmMtrCurrTempOffset\_Scom\_Get

2016-07-24, 13:54:06+0530



Input Value tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[12] 27 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[13] 29

31		
33		
tgt_Pim_CurrTempOffset		
Actual Value	Expected Value	Result
-1600	-1600	~
-1600	-1600	<b>✓</b>
-1600	-1600	<b>✓</b>
-1600	-1600	<b>✓</b>
-1600	-1600	•
-1600	-1600	<b>✓</b>
-1600	-1600	•
-1600	-1600	•
-1600	-1600	<b>✓</b>
-1600	-1600	•
-1600	-1600	<b>✓</b>
-1600	-1600	<b>✓</b>
-1600	-1600	<b>✓</b>
-14	-14	<b>✓</b>
-16	-16	<b>✓</b>
-18	-18	<b>✓</b>
-20	-20	<b>✓</b>
-23	-23	<b>✓</b>
-25	-25	<b>✓</b>
-27	-27	•
-29	-29	<b>✓</b>
-31	-31	<b>✓</b>
-33	-33	<b>✓</b>
-35	-35	<b>✓</b>
-37	-37	<b>✓</b>
-39	-39	<b>✓</b>
-41	-41	<b>✓</b>
-43	-43	•
-45	-45	<b>✓</b>
2	2	•
4	4	<b>✓</b>
6	6	•
8	8	•
10	10	<b>✓</b>
12	12	<b>✓</b>
14	14	•
16	16	<b>✓</b>
18	18	•
20	20	<b>✓</b>
23	23	•
25	25	<b>✓</b>
27	27	·
29	29	<b>✓</b>
31	31	~
33	33	<b>✓</b>
	33 tgt_Pim_CurrTempOffset  Actual Value -1600 -14 -16 -18 -20 -23 -25 -27 -29 -31 -33 -35 -37 -39 -41 -43 -45 -2 -4 -6 -8 -8 -10 -12 -14 -16 -18 -20 -23 -25 -27 -29 -31 -33 -35 -37 -39 -41 -43 -45 -45 -2 -4 -6 -8 -8 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9	33 tgt_Pim_CurrTempOffset  Actual Value

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	

2016-07-24, 13:54:06+0530



Name	Input Value		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	4800		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	4800		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	4800		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	4800		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	-47		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	-49		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	-51		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3] tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	-53 2		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	4		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	6		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	8		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	10		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[9]	12		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	14		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[11]	16		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	18		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	20		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	23		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	25		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	35		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	37		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	39		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	41		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	43		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	45		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	47		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	49		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	51		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	53 -2		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	-2 -4		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	-6		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[13]	-8		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	-10		
	.0		
tat Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[15]	-12		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset	Expected Value	Result
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name		Expected Value 4800	Result
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset  Actual Value	·	Result
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	tgt_Pim_CurrTempOffset  Actual Value  4800	4800	Result
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	tgt_Pim_CurrTempOffset  Actual Value  4800  4800	4800 4800	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	tgt_Pim_CurrTempOffset  Actual Value  4800  4800  4800	4800 4800 4800	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]	tgt_Pim_CurrTempOffset  Actual Value  4800  4800  4800  4800	4800 4800 4800 4800	0
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	tgt_Pim_CurrTempOffset  Actual Value  4800  4800  4800  4800  4800  4800	4800 4800 4800 4800 4800	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]	tgt_Pim_CurrTempOffset  Actual Value  4800  4800  4800  4800  4800  4800  4800  4800	4800 4800 4800 4800 4800 4800	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]	tgt_Pim_CurrTempOffset  Actual Value  4800  4800  4800  4800  4800  4800  4800  4800  4800	4800 4800 4800 4800 4800 4800 4800	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	tgt_Pim_CurrTempOffset  Actual Value  4800  4800  4800  4800  4800  4800  4800  4800  4800  4800  4800  4800  4800	4800 4800 4800 4800 4800 4800 4800 4800 4800 4800	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	tgt_Pim_CurrTempOffset  Actual Value  4800  4800  4800  4800  4800  4800  4800  4800  4800  4800  4800  4800  4800  4800  4800	4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	tgt_Pim_CurrTempOffset  Actual Value  4800  4800  4800  4800  4800  4800  4800  4800  4800  4800  4800  4800  4800  4800  4800  4800  4800  4800	4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]	tgt_Pim_CurrTempOffset  Actual Value  4800	4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]	tgt_Pim_CurrTempOffset  Actual Value  4800	4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]	tgt_Pim_CurrTempOffset  Actual Value  4800	4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]	tgt_Pim_CurrTempOffset  Actual Value  4800	4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]  tgt_CurrTempOffCal.CurrTempOffsetY_DegC_s10p5[15]	tgt_Pim_CurrTempOffset  Actual Value  4800	4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[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.CurrTempOffsetY_DegC_s10p5[15]  tgt_CurrTempOffCal.CurrTempOffsetY_DegC_s10p5[15]  tgt_CurrTempOffCal.CurrTempOffsetY_DegC_s10p5[15]	tgt_Pim_CurrTempOffset  Actual Value  4800	4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]  tgt_CurrTempOffCal.CurrTempOffsetY_DegC_s10p5[15]  tgt_CurrTempOffCal.CurrTempOffsetY1_volts_s4p11[0]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[1]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[2]	tgt_Pim_CurrTempOffset  Actual Value  4800	4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]  tgt_CurrTempOffCal.CurrTempOffsetY_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_Pim_CurrTempOffset  Actual Value  4800  4810  4800  4800  4800  4800  4800  4800  4800  4800  4800  4800  4800  4800  4800  4800  4800	4800 4800	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[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.CurrOffsetY1_volts_s4p11[0]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[2]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[3]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[4]	tgt_Pim_CurrTempOffset  Actual Value  4800	4800 500	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]  tgt_CurrTempOffCal.CurrTempOffsetY_DegC_s10p5[15]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[0]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[3]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[3]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[4]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[5]	tgt_Pim_CurrTempOffset  Actual Value  4800	4800 490 490 490 490 490 490 490 4	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[0]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[2]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[3]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[4]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[5]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[6]	tgt_Pim_CurrTempOffset  Actual Value  4800  4801  4800  4801	4800 490 490 501 501 501 501 501 501 501 50	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[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[6]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7]	tgt_Pim_CurrTempOffset  Actual Value  4800	4800 490 490 490 490 490 490 490 4	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[0]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[2]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[3]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[4]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[5]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[6]	tgt_Pim_CurrTempOffset  Actual Value  4800	4800 4800	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]	tgt_Pim_CurrTempOffset  Actual Value  4800  4801	4800 4800	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]	tgt_Pim_CurrTempOffset  Actual Value  4800  4801  4800  4801	4800 490 400 400 400 400 400 400 4	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]	tgt_Pim_CurrTempOffset  Actual Value  4800  410  420  4300  4400  4400  4400  4500  47  49  -51  -53  2  4  6  8  10  12  14	4800 470 49 511 512 53 54 66 88 10 10 11 12 14	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]	tgt_Pim_CurrTempOffset  Actual Value  4800  410  420  4300  4400	4800 400 4	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[0]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[1]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[1]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[6]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[6]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[6]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[7]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[8]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[9]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[10]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[10]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[11]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[11]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[11]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[11]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[11]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[11]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[11]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[11]	tgt_Pim_CurrTempOffset  Actual Value  4800  410  420  4300  4400  4400  4400  4400  4400  4501	4800 400 4	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[0]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[1]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[1]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[6]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[6]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[6]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[1]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[13]	tgt_Pim_CurrTempOffset  Actual Value  4800  4100  420  4300  4400  4400  4400  4400  4400  4400  4400  4400  4400  4400  4400  4400  4400  4400  4400  4400  4400  4400  440  451  451	4800 4800 4800 4800 4800 4800 4800 4800	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]  tgt_CurrTempOffCal.CurrTempOffsetY_DegC_s10p5[15]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[0]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[1]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[1]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[6]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[6]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[1]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[13]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[13]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[13]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[13]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[13]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[13]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[16]	tgt_Pim_CurrTempOffset  Actual Value  4800  120  110  112  114  116  118  20  23  25  35	4800 4800 4800 4800 4800 4800 4800 4800	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]  tgt_CurrTempOffCal.CurrTempOffsetY_DegC_s10p5[15]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[0]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[3]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[6]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[6]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[9]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[1]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[13]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[13]  tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[15]	tgt_Pim_CurrTempOffset  Actual Value  4800	4800 4800 4800 4800 4800 4800 4800 4800	

2016-07-24, 13:54:06+0530



Name	Actual Value	Expected Value	Result
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3]	41	41	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4]	43	43	~
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	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]	-2	-2	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]	-4	-4	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]	-6	-6	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]	-8	-8	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]	-10	-10	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]	-12	-12	~

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		
tqt 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	Resu
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	320	320	IVean
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	480	480	
tgt CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	640	640	

2016-07-24, 13:54:06+0530



Name	Actual Value	Expected Value	Result
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]	800	800	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	960	960	<b>✓</b>
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]	1280	1280	<b>✓</b>
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]	1440	1440	<b>✓</b>
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	1600	1600	<b>✓</b>
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	<b>✓</b>
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]	3360	3360	<b>✓</b>
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]	3680	3680	<b>✓</b>
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]	4160	4160	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0]	35	35	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1]	37	37	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2]	39	39	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]	41	41	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4]	43	43	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[5]	45	45	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]	47	47	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7]	49	49	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]	51	51	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9]	53	53	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]	-2	-2	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[11]	-4	-4	<b>✓</b>
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	<b>✓</b>
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	<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	
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]	-37	-37	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]	-39	-39	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]	-41	-41	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]	-43	-43	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]	-45	-45	<b>v</b>

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

2016-07-24, 13:54:06+0530



Name			
	Input Value		
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 29		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13] tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	31		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	33		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[0]	-47		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	-49		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[2]	-51		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[3]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	2		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	4		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	6		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	8		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	10		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	12		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	14		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	16		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	18		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	20		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	23		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	25		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset	Former and ad Malana	D
Name	Actual Value	Expected Value	Result
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	0	0	•
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	0	0	Ĭ
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	0	0	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	0	0	J
tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[5]	0	0	
tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[6]	0	0	J
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	0	0	•
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]	0	0	•
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]	0	0	•
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	0	0	•
tot Curr Town Officel Curr Town Officety Don't education		0	•
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	0	U	•
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	0	0	V
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]	0 0	0	•
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]	0 0 0	0 0 0	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]	0 0 0 0	0 0 0 0	•
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]	0 0 0 0 0 2	0 0 0 0 2	•
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]	0 0 0 0 2 4	0 0 0 0 2 4	•
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2]	0 0 0 0 2 4 6	0 0 0 0 2 4 6	•
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]	0 0 0 0 2 4 6	0 0 0 0 2 4 6 8	•
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4]	0 0 0 0 2 4 6 8 10	0 0 0 0 2 4 6 8	•
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[5]	0 0 0 0 2 4 6 8 10	0 0 0 0 2 4 6 8 10	•
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[5] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]	0 0 0 0 2 4 6 8 10 12	0 0 0 0 2 4 6 8 10 12	•
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15] tgt_CurrTempOffCal.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[4] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[5] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7]	0 0 0 0 2 4 6 8 10 12 14	0 0 0 0 2 4 6 8 10 12 14	•
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[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]	0 0 0 0 2 4 6 8 10 12 14 16	0 0 0 0 2 4 6 8 10 12 14 16	•
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[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[8] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9]	0 0 0 0 2 4 6 8 10 12 14 16 18 20	0 0 0 0 2 4 6 8 10 12 14 16 18 20	•
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[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]	0 0 0 0 2 4 6 8 10 12 14 16	0 0 0 0 2 4 6 8 10 12 14 16	•
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[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[8] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9]	0 0 0 0 2 4 6 8 10 12 14 16 18 20 23	0 0 0 0 2 4 6 8 10 12 14 16 18 20	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[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[10]	0 0 0 0 2 4 6 8 10 12 14 16 18 20 23	0 0 0 0 2 4 6 8 10 12 14 16 18 20 23	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[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[11]	0 0 0 0 2 4 6 8 10 12 14 16 18 20 23 25 27	0 0 0 0 2 4 6 8 10 12 14 16 18 20 23 25 27	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrOffsetX_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[5] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[11] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[11] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13]	0 0 0 0 2 4 6 8 10 12 14 16 18 20 23 25 27	0 0 0 0 2 4 6 8 10 12 14 16 18 20 23 25 27	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[11] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[15] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[15] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[15]	0 0 0 0 2 4 6 8 10 12 14 16 18 20 23 25 27 29 31 33 -47	0 0 0 2 4 6 8 10 12 14 16 18 20 23 25 27 29 31	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[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[13] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13]	0 0 0 0 2 4 6 8 10 12 14 16 18 20 23 25 27 29 31 33 -47 -49	0 0 0 2 4 6 8 10 12 14 16 18 20 23 25 27 29 31 33	
tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[15] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[0] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[2] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[3] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[3] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[7] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[8] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[9] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[10] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[11] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[12] 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.CurrOffSetY2_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffSetY2_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffSetY2_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffSetY2_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffSetY2_Volts_s4p11[1]	0 0 0 0 2 4 6 8 10 12 14 16 18 20 23 25 27 29 31 33 -47 -49 -51	0 0 0 2 4 6 8 10 12 14 16 18 20 23 25 27 29 31 33 -47 -49 -51	
tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[15] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[0] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[2] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[3] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[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[10] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[12] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[13] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[13] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[13] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[13] tgt_CurrTempOffCal.CurrOffSetY2_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffSetY2_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffSetY2_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffSetY2_Volts_s4p11[2] tgt_CurrTempOffCal.CurrOffSetY2_Volts_s4p11[3]	0 0 0 0 2 4 6 8 10 12 14 16 18 20 23 25 27 29 31 33 -47 -49 -51 -53	0 0 0 2 4 6 8 10 12 14 16 18 20 23 25 27 29 31 33 -47 -49 -51	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4]	0 0 0 0 2 4 6 8 10 12 14 16 18 20 23 25 27 29 31 33 -47 -49 -51 -53 2	0 0 0 2 4 6 8 10 12 14 16 18 20 23 25 27 29 31 33 -47 -49 -51 -53 2	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[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[10] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[14] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[5]	0 0 0 0 2 4 6 8 10 12 14 16 18 20 23 25 27 29 31 33 -47 -49 -51 -53 2 4	0 0 0 2 4 6 8 10 12 14 16 18 20 23 25 27 29 31 33 -47 -49 -51 -53 2	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[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[10] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1] 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[6]	0 0 0 2 4 6 8 10 12 14 16 18 20 23 25 27 29 31 33 -47 -49 -51 -53 2 4 6	0 0 0 2 4 6 8 10 12 14 16 18 20 23 25 27 29 31 33 -47 -49 -51 -53 2 4	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[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[13] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[15] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6]	0 0 0 0 2 4 6 8 10 12 14 16 18 20 23 25 27 29 31 33 -47 -49 -51 -53 2 4 6 8	0 0 0 2 4 6 8 10 12 14 16 18 20 23 25 27 29 31 33 -47 -49 -51 -53 2 4 6 8	
tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[12] 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[3] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[5] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[7] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[8] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[9] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[10] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[11] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[12] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[13] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[13] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[15] tgt_CurrTempOffCal.CurrOffSetY2_Volts_s4p11[0] tgt_CurrTempOffCal.CurrOffSetY2_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffSetY2_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffSetY2_Volts_s4p11[2] tgt_CurrTempOffCal.CurrOffSetY2_Volts_s4p11[3] tgt_CurrTempOffCal.CurrOffSetY2_Volts_s4p11[3] tgt_CurrTempOffCal.CurrOffSetY2_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffSetY2_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffSetY2_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffSetY2_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffSetY2_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffSetY2_Volts_s4p11[6]	0 0 0 0 0 0 2 4 4 6 6 8 10 10 12 14 16 18 20 23 25 27 29 31 33 -47 -49 -51 -53 2 4 6 6 8 10	0 0 0 2 4 6 8 10 12 14 16 18 20 23 25 27 29 31 33 -47 -49 -51 -53 2 4 6 8	
tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[15] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[0] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[2] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[3] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[3] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[5] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[7] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[8] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[10] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[10] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[11] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[13] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[13] tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[15] tgt_CurrTempOffCal.CurrOffSetY2_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffSetY2_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffSetY2_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffSetY2_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffSetY2_Volts_s4p11[2] tgt_CurrTempOffCal.CurrOffSetY2_Volts_s4p11[3] tgt_CurrTempOffCal.CurrOffSetY2_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffSetY2_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffSetY2_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffSetY2_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffSetY2_Volts_s4p11[6]	0 0 0 0 2 4 6 8 10 12 14 16 18 20 23 25 27 29 31 33 -47 -49 -51 -53 2 4 6 8	0 0 0 2 4 6 8 10 12 14 16 18 20 23 25 27 29 31 33 -47 -49 -51 -53 2 4 6 8	

CmMtrCurrTempOffset\_Scom\_Get

2016-07-24, 13:54:06+0530



Name	Actual Value	Expected Value	Result
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]	18	18	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]	20	20	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]	23	23	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]	25	25	<b>~</b>

Test Step 1.7 (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]	-1536		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	-1440		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	-1376		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	-1280		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	-1216		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	-1120		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	-1056		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	-960		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	-896		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	-800		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	-704		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	-640		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	-480		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	-384		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	-320		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	-160		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	35		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	37		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	39		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	41		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	43		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	45		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	47		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	49		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	51		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	-2		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	-4		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	-6		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	-8		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	-10		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	-12		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	2		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	4		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	6		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	8		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	10		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	12		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	14		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[7]	16		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[8]	18		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	20		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	23		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	25		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[12]	27		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	29		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	31		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	33		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Result
tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[0]	-1536	-1536	rtoduk
tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[1]	-1440	-1440	
tgt CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	-1376	-1376	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]	-1280	-1280	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	-1216	-1216	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	-1120	-1120	
	-1056	-1056	
tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[6]			Ž
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	-960 806	-960 806	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]	-896 -800	-896	~
		-800	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]			
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	-704 -640	-704 -640	-

2016-07-24, 13:54:06+0530



 ${\it CmMtrCurrTempOffset\_Scom\_Get}$ 

Name	Actual Value	Expected Value	Result
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]	-480	-480	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]	-384	-384	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]	-320	-320	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]	-160	-160	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0]	35	35	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1]	37	37	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2]	39	39	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]	41	41	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4]	43	43	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[5]	45	45	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]	47	47	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7]	49	49	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]	51	51	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9]	53	53	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]	-2	-2	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[11]	-4	-4	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12]	-6	-6	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13]	-8	-8	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[14]	-10	-10	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[15]	-12	-12	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0]	2	2	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1]	4	4	<b>✓</b>
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	~
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	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]	20	20	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]	23	23	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]	25	25	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]	27	27	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]	29	29	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]	31	31	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]	33	33	~

Test Step 1.8 (Repeat Count = 1)	✓
Name	Input Value
CurrTempOffCal	tgt_CurrTempOffCal
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	-1440
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	-1280
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	-1120
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	-960
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	-800
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	-640
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	-480
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	-160
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	0
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	320
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	640
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	960
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	1280
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	1920
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	2240
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	2560
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	-53

2016-07-24, 13:54:06+0530



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



Test Step 1.9 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
CurrTempOffCal	tgt CurrTempOffCal		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	-1120		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	-896		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	-672		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	-448		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	-224		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	224		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	448		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	672		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	896		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	1120		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	1344		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	1568		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	1792		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	2016		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	2240		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	2464		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1] tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	53 53		
tgt_Pim_Curr1empOffset.CurrOffsetY1_Volts_s4p11[2] tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	53		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[4]	53		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[5]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	53		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[8]	53		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[9]	53		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[10]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	-14		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	-16		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	-18		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	-20		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	-23		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	-25		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	-27		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	-29		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	-31		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	-33		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	-35		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	-37		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	-39		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	-41		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	-43 -45		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Result
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	-1120	-1120	Result
tgt CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	-896	-896	_
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	-672	-672	
tgt CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	-448	-448	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]	-224	-224	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	224	224	·
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]	448	448	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	672	672	·
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]	896	896	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]	1120	1120	·
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	1344	1344	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	1568	1568	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]	1792	1792	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]	2016	2016	<b>✓</b>
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]	2240	2240	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]	2464	2464	<b>✓</b>
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>

tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[15]

CmMtrCurrTempOffset\_Scom\_Get

2016-07-24, 13:54:06+0530



**Actual Value Expected Value** tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[3] 53 53 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[4] 53 53 53 53  $tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[5]$ tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[6] 53 53 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[7] 53 53 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[8] 53 53 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[9] 53 53  $tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[10]$ 53 53 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[11] 53 53  $tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[12]$ 53 53 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[13] 53 53 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[14] 53 53 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[15] 53 53 tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[0] -14 -14 tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[1] -16 -16  $tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[2]$ -18 -18  $tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[3]$ -20 -20 tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[4] -23 -23  $tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[5]$ -25 -25 -27 tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[6] -27  $tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[7]$ -29 -29 -31 tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[8] -31 -33  $tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[9]$ -33 tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[10] -35 -35 -37 -37 tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[11] tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[12] -39 -39 tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[13] -41 -41  $tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[14]$ -43 -43

-45

-45

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

2016-07-24, 13:54:06+0530



Name	Input Value		
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.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Result

tgt_i iii_ouii reiipoliset.ouiroliset 2_volts_34p i [13]	25		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Result
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	288	288	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	384	384	✓
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	608	608	<b>✓</b>
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]	704	704	<b>✓</b>
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	928	928	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]	1024	1024	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]	1248	1248	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	1344	1344	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]	1568	1568	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]	1664	1664	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	1888	1888	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	1984	1984	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]	2208	2208	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]	2304	2304	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]	2528	2528	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]	2624	2624	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0]	2	2	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1]	4	4	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2]	6	6	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]	8	8	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4]	10	10	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[5]	12	12	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]	14	14	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7]	16	16	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]	18	18	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9]	20	20	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]	23	23	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[11]	25	25	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12]	27	27	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13]	29	29	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[14]	31	31	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[15]	33	33	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0]	-47	-47	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1]	-49	-49	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2]	-51	-51	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3]	-53	-53	•
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4]	2	2	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[5]	4	4	•
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6]	6	6	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7]	8	8	•
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]	10	10	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]	12	12	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]	14	14	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]	16	16	<b>~</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]	18	18	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]	20	20	<b>~</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]	23	23	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]	25	25	<b>*</b>

Test Step 1.11 (Repeat Count = 1)		✓
Name	Input Value	
CurrTempOffCal	tgt_CurrTempOffCal	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	96	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	192	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	288	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	416	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	512	

2016-07-24, 13:54:06+0530



Name	Input Value		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	608		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	736		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	832		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	928		
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[9]	1056		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	1152		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	1248		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	1376		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	1472		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	1568		
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[15]	1760		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	0		
	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]			
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	35		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	37		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	39		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	41		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	43		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[5]	45		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	47		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	49		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	51		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	53		
	-2		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]			
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[13] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	-8 -10		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	-8 -10 -12		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	-8 -10		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	-8 -10 -12	Expected Value	Result
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	-8 -10 -12 tgt_Pim_CurrTempOffset	Expected Value	Result
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name	-8 -10 -12 tgt_Pim_CurrTempOffset Actual Value	· ·	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	-8 -10 -12 tgt_Pim_CurrTempOffset  Actual Value 96	96	· ·
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	-8 -10 -12 tgt_Pim_CurrTempOffset  Actual Value 96 192	96 192	· ·
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	-8 -10 -12 tgt_Pim_CurrTempOffset  Actual Value 96 192 288	96 192 288	· · · · · · · · · · · · · · · · · · ·
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]	-8 -10 -12 tgt_Pim_CurrTempOffset  Actual Value 96 192 288 416	96 192 288 416	• • • • • • • • • • • • • • • • • • •
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]	-8 -10 -12 tgt_Pim_CurrTempOffset  Actual Value 96 192 288 416 512 608	96 192 288 416 512	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]	-8 -10 -12 tgt_Pim_CurrTempOffset  Actual Value 96 192 288 416 512 608 736	96 192 288 416 512 608 736	, , , , , , , , , , , , , , , , , , ,
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	-8 -10 -12 tgt_Pim_CurrTempOffset  Actual Value 96 192 288 416 512 608 736 832	96 192 288 416 512 608 736 832	• • • • • • • • • • • • • • • • • • •
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]	-8 -10 -12 tgt_Pim_CurrTempOffset  Actual Value  96 192 288 416 512 608 736 832 928	96 192 288 416 512 608 736 832 928	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]	-8 -10 -12 tgt_Pim_CurrTempOffset  Actual Value  96 192 288 416 512 608 736 832 928 1056	96 192 288 416 512 608 736 832 928	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	-8 -10 -12 tgt_Pim_CurrTempOffset  Actual Value  96 192 288 416 512 608 736 832 928 1056 1152	96 192 288 416 512 608 736 832 928 1056	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	-8 -10 -12 tgt_Pim_CurrTempOffset  Actual Value  96 192 288 416 512 608 736 832 928 1056 1152 1248	96 192 288 416 512 608 736 832 928 1056 1152	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]	-8 -10 -12 tgt_Pim_CurrTempOffset  Actual Value  96 192 288 416 512 608 736 832 928 1056 1152 1248 1376	96 192 288 416 512 608 736 832 928 1056 1152 1248	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]	-8 -10 -12 tgt_Pim_CurrTempOffset  Actual Value  96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472	96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name  tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[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[10] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[14]	-8 -10 -12 tgt_Pim_CurrTempOffset  Actual Value  96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472 1568	96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472 1568	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[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.CurrTempOffsetX_DegC_s10p5[15]	-8 -10 -12 tgt_Pim_CurrTempOffset  Actual Value 96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472 1568 1760	96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472 1568 1760	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffsetY_DegC_s10p5[15] tgt_CurrTempOffCal.CurrTempOffsetY_DegC_s10p5[15] tgt_CurrTempOffCal.CurrTempOffsetY_DegC_s10p5[15] tgt_CurrTempOffCal.CurrTempOffsetY_DegC_s10p5[15]	-8 -10 -12 tgt_Pim_CurrTempOffset  Actual Value 96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472 1568 1760 0	96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472 1568 1760 0	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]  tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]  tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]  tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]  tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]  tgt_CurrTempOffCal.CurrTempOffsetY_DegC_s10p5[15]  tgt_CurrTempOffCal.CurrTempOffsetY_DegC_s10p5[15]  tgt_CurrTempOffCal.CurrTempOffsetY_DegC_s10p5[15]  tgt_CurrTempOffCal.CurrTempOffsetY_Volts_s4p11[0]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1]	-8 -10 -12 tgt_Pim_CurrTempOffset  Actual Value  96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472 1568 1760 0	96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472 1568 1760 0	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]  tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]  tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]  tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]  tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]  tgt_CurrTempOffCal.CurrTempOffsetY_DegC_s10p5[15]  tgt_CurrTempOffCal.CurrTempOffsetY_Volts_s4p11[0]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2]	-8 -10 -12 tgt_Pim_CurrTempOffset  Actual Value  96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472 1568 1760 0 0	96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472 1568 1760 0	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffsetY_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]	-8 -10 -12 tgt_Pim_CurrTempOffset  Actual Value  96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472 1568 1760 0 0 0	96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472 1568 1760 0 0 0	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15] tgt_CurrTempOffCal.CurrTempOffsetY_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]	-8 -10 -12 tgt_Pim_CurrTempOffset  Actual Value  96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472 1568 1760 0 0 0 0 0	96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472 1568 1760 0 0 0 0	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name  tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15] tgt_CurrTempOffCal.CurrTempOffsetY_DegC_s10p5[15] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[5]	-8 -10 -12 tgt_Pim_CurrTempOffset  Actual Value  96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472 1568 1760 0 0 0 0 0 0	96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472 1568 1760 0 0 0 0 0 0	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name  tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15] tgt_CurrTempOffCal.CurrTempOffsetY_DegC_s10p5[15] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]	-8 -10 -12 tgt_Pim_CurrTempOffset  Actual Value  96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472 1568 1760 0 0 0 0 0 0 0 0	96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472 1568 1760 0 0 0 0 0 0 0 0	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name  tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[11] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[15] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[15] tgt_CurrTempOffcal.CurrTempOffsetY1_Volts_s4p11[0] tgt_CurrTempOffcal.CurrOffsetY1_Volts_s4p11[1] tgt_CurrTempOffcal.CurrOffsetY1_Volts_s4p11[2] tgt_CurrTempOffcal.CurrOffsetY1_Volts_s4p11[6] tgt_CurrTempOffcal.CurrOffsetY1_Volts_s4p11[6] tgt_CurrTempOffcal.CurrOffsetY1_Volts_s4p11[7]	-8 -10 -12 tgt_Pim_CurrTempOffset  Actual Value  96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472 1568 1760 0 0 0 0 0 0 0 0 0 0 0	96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472 1568 1760 0 0 0 0 0 0 0 0 0 0 0	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15] tgt_CurrTempOffCal.CurrTempOffsetY_DegC_s10p5[15] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]	-8 -10 -12 tgt_Pim_CurrTempOffset  Actual Value  96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472 1568 1760 0 0 0 0 0 0 0 0	96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472 1568 1760 0 0 0 0 0 0 0 0	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name  tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[11] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[15] tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[15] tgt_CurrTempOffcal.CurrTempOffsetY1_Volts_s4p11[0] tgt_CurrTempOffcal.CurrOffsetY1_Volts_s4p11[1] tgt_CurrTempOffcal.CurrOffsetY1_Volts_s4p11[2] tgt_CurrTempOffcal.CurrOffsetY1_Volts_s4p11[6] tgt_CurrTempOffcal.CurrOffsetY1_Volts_s4p11[6] tgt_CurrTempOffcal.CurrOffsetY1_Volts_s4p11[7]	-8 -10 -12 tgt_Pim_CurrTempOffset  Actual Value  96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472 1568 1760 0 0 0 0 0 0 0 0 0 0 0	96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472 1568 1760 0 0 0 0 0 0 0 0 0 0 0	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffsetY_DegC_s10p5[15] tgt_CurrTempOffCal.CurrTempOffsetY_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[8]	-8 -10 -12 tgt_Pim_CurrTempOffset  Actual Value  96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472 1568 1760 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472 1568 1760 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	

CmMtrCurrTempOffset\_Scom\_Get

2016-07-24, 13:54:06+0530



Name	Actual Value	Expected Value	Result
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12]	0	0	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13]	0	0	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[14]	0	0	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[15]	0	0	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0]	35	35	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1]	37	37	<b>✓</b>
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	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7]	49	49	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]	51	51	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]	53	53	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]	-2	-2	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]	-4	-4	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]	-6	-6	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]	-8	-8	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]	-10	-10	<b>✓</b>
tgt CurrTempOffCal.CurrOffsetY2 Volts s4p11[15]	-12	-12	<b>✓</b>

Name	Input Value	
CurrTempOffCal	tgt CurrTempOffCal	
Rte Inst Sa CmMtrCurr	tgt Rte Inst Sa CmMtrCurr	
agt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[0]	-928	
gt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[1]	-608	
gt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[2]	0	
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	736	
gt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[4]	1056	
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	1408	
gt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[6]	1568	
gt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[7]	2016	
gt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[8]	2368	
gt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[9]	2688	
gt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[10]	2848	
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	3200	
gt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[12]	3936	
gt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[13]	4544	
gt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[14]	4640	
gt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[15]	4768	
gt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[0]	-14	
gt_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	

CmMtrCurrTempOffset\_Scom\_Get

2016-07-24, 13:54:06+0530



Input Value tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[14] -43 -45 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[15] tgt Pim CurrTempOffset  $tgt\_Rte\_Inst\_Sa\_CmMtrCurr.Pim\_CurrTempOffset$ **Actual Value Expected Value** Result  $tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[0]$ -928 tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[1] -608 -608 tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[2] 0 0 tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[3] 736 736  $tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[4]$ 1056 1056 tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[5] 1408 1408  $tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[6]$ 1568 1568 tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[7] 2016 2016  $tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[8]$ 2368 2368 2688 2688 tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[9] tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[10] 2848 2848 tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[11] 3200 3200  $tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[12]$ 3936 3936  $tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[13]$ 4544 4544 tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[14] 4640 4640  $tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[15]$ 4768 4768 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[0] -14 -14 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[1] -16 -16 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[2] -18 -18 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[3] -20 -20 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[4] -23 -23 -25 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[5] -25 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[6] -27 -27 -29 -29 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[7] tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[8] -31 -31 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[9] -33 -33 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[10] -35 -35 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[11] -37 -37 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[12] -39 -39 tgt CurrTempOffCal.CurrOffsetY1 Volts s4p11[13] -41 -41 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[14] -43 -43 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[15] -45 -45 tgt CurrTempOffCal.CurrOffsetY2 Volts s4p11[0] -14 -14 tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[1] -16 tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[2] -18 -18 tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[3] -20 -20 tot CurrTempOffCal.CurrOffsetY2 Volts s4p11[4] -23 -23 tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[5] -25 -25 tgt CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[6] -27 -27 tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[7] -29 -29 -31 tgt CurrTempOffCal.CurrOffsetY2 Volts s4p11[8] -31  $tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[9]$ -33 -33 tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[10] -35 -35 -37  $tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[11]$ -37 tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[12] -39 -39 tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[13] -41 -41 tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[14] -43 -43

Test Step 1.13 (Repeat Count = 1)		
Name	Input Value	
CurrTempOffCal	tgt_CurrTempOffCal	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	0	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	320	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	640	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	960	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	1600	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	1280	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	1920	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	2240	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	2560	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	2880	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	3200	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	3520	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	3840	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	4160	

-45

-45

tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[15]

CmMtrCurrTempOffset\_Scom\_Get

2016-07-24, 13:54:06+0530



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 V -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

2016-07-24, 13:54:06+0530



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	✓
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	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]	-53	-53	✓

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		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	544		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	864		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	1184		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	1504		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	1824		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	2144		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	2464		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	2784		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	3104		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	3424		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	3744		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	4064		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	4384		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	4480		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	4704		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	2		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	4		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	6		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	8		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	10		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	12		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	14		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	16		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	18		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	20		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	23		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	25		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	27		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	29		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	31		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	33		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	53		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Result
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	224	224	-
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	544	544	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	864	864	
tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[3]	1184	1184	_
tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[4]	1504	1504	

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]

tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[15]

CmMtrCurrTempOffset\_Scom\_Get

2016-07-24, 13:54:06+0530



**Actual Value Expected Value**  $tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[5]$  $tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[6]$  $tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[7]$  $tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[8]$  $tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[9]$  $tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[10]$ tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[11]  $tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[12]$ tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[13]  $tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[14]$ tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[15]  $tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[0]$ tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[1] tat CurrTempOffCal.CurrOffsetY1 Volts s4p11[2] tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[3] tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[4]  $tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[5]$ tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[6] tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[7] tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[8] tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[9] tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[10] 

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

2016-07-24, 13:54:06+0530



Name	Input Value		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	49		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	51		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	-2		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	-4		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	-6		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	-8		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14] tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[15]	-10 -12		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[0]	2		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	4		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[2]	6		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[3]	8		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[4]	10		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	12		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	14		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	16		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	18		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	20		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	23		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	25		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	27		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	29		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	31		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	33		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset	-  -	
Name	Actual Value	Expected Value	Result
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	32	32	•
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	352 672	352 672	J
tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[3]	992	992	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	1312	1312	J
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]	1632	1632	•
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]	1952	1952	V
tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[7]	2272	2272	•
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]	2592	2592	•
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]	2912	2912	•
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	3232	3232	•
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	3552	3552	•
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]	3872	3872	•
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]	4192	4192	•
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]	4512	4512	•
tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[15]	4768	4768	•
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0]	35	35	•
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2]	37 39	37 39	
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]	41	41	
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4]	43	43	j
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[5]	45	45	•
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]	47	47	
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7]	49	49	•
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]	51	51	•
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9]	53	53	•
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]	-2	-2	•
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[11]	-4	-4	•
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12]	-6	-6	•
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13]	-8	-8	•
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[14]	-10	-10	•
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[15]	-12	-12	•
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0]	2	2	•
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1]	4	4	•
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2]	6 8	6 8	
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3]	10	10	
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[5]	12	12	
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6]	14	14	
	16	16	
tgt CurrTempOffCal.CurrOffsetY2 Volts s4n11[7]			
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7] tot CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]	18	I 18	
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]	18 20	18	•
	18 20 23	18 20 23	•
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]	20	20	•
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]	20 23	20 23	•

CmMtrCurrTempOffset\_Scom\_Get

2016-07-24, 13:54:06+0530



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

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 -18		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2] tqt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	-18 -20		
	-20 -23		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4] tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	-25		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	-27		
tgt_nm_ourremponset.ourronsetr1_voits_s4p11[7]	-29		
tgt_rim_ourrempoliset.ourroffsetY1 Volts s4p11[8]	-31		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[9]	-33		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	-35		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	-37		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[12]	-39		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	-41		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	-43		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	-45		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	0		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	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	

2016-07-24, 13:54:06+0530



Name	Actual Value	Expected Value	Result
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]	4576	4576	✓
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]	4736	4736	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0]	-14	-14	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1]	-16	-16	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2]	-18	-18	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]	-20	-20	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4]	-23	-23	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[5]	-25	-25	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]	-27	-27	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7]	-29	-29	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]	-31	-31	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9]	-33	-33	<b>✓</b>
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>✓</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	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0]	0	0	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1]	0	0	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2]	0	0	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3]	0	0	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4]	0	0	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[5]	0	0	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6]	0	0	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7]	0	0	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]	0	0	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]	0	0	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]	0	0	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]	0	0	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]	0	0	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]	0	0	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]	0	0	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]	0	0	<b>✓</b>

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

2016-07-24, 13:54:06+0530



International Contract	Name	Input Value			
		·			
Inc.					
Igt   Pin   Curr TempOffiset Curr Offiset Y2   Volts   4911 6    -25     Igt   Pin   Curr TempOffiset Curr Offiset Y2   Volts   4911 6    -27     Igt   Pin   Curr TempOffiset Curr Offiset Y2   Volts   4911 6    -27     Igt   Pin   Curr TempOffiset Curr Offiset Y2   Volts   4911 6    -27     Igt   Pin   Curr TempOffiset Curr Offiset Y2   Volts   4911 6    -31     Igt   Pin   Curr TempOffiset Curr Offiset Y2   Volts   4911 6    -33     Igt   Pin   Curr TempOffiset Curr Offiset Y2   Volts   4911 10    -35     Igt   Pin   Curr TempOffiset Curr Offiset Y2   Volts   4911 10    -35     Igt   Pin   Curr TempOffiset Curr Offiset Y2   Volts   4911 11    -37     Igt   Pin   Curr TempOffiset Curr Offiset Y2   Volts   4911 12    -39     Igt   Pin   Curr TempOffiset Curr Offiset Y2   Volts   4911 13    -41     Igt   Pin   Curr TempOffiset Curr Offiset Y2   Volts   4911 13    -43     Igt   Pin   Curr TempOffiset Curr Offiset Y2   Volts   4911 13    -43     Igt   Pin   Curr TempOffiset Curr Offiset Y2   Volts   4911 13    -43     Igt   Pin   Curr TempOffiset Curr Pin   Curr TempOffiset   Igt   Pin   Curr TempOffiset     Igt   Curr TempOffical   Curr Pin   Curr TempOffiset   Igt   Pin   Curr TempOffiset     Igt   Curr TempOffical   Igt					
Igt Pm_CurTempOffiset CurrOffsetY2 Volts s4p11 5					
tgl. Pin. CurrTempOffiset.CurrOffset? Z volts. s4p11[8]  tgl. Pin. CurrTempOffiset.CurrOffset? Z volts. s4p11[7]  429  tgl. Pin. CurrTempOffiset.CurrOffset? Z volts. s4p11[8]  331  tgl. Pin. CurrTempOffiset.CurrOffset? Z volts. s4p11[9]  339  tgl. Pin. CurrTempOffiset.CurrOffset? Z volts. s4p11[10]  tgl. Pin. CurrTempOffiset.CurrOffset? Z volts. s4p11[11]  37  tgl. Pin. CurrTempOffiset.CurrOffset? Z volts. s4p11[12]  39  tgl. Pin. CurrTempOffiset.CurrOffset? Z volts. s4p11[13]  41  tgl. Pin. CurrTempOffiset.CurrOffset? Z volts. s4p11[13]  43  tgl. Pin. CurrTempOffiset.CurrOffset? Z volts. s4p11[14]  43  tgl. Pin. CurrTempOffiset.CurrOffset? Z volts. s4p11[15]  tgl. Rie. Inst. Sa. CmMtr.Curr. Pin. CurrTempOffset  Namo  Actual Value  Actual Value  Expected Value  Rosul  tgl. CurrTempOff.Cal.CurrTempOffset.Deg.C s10p5[0]  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					
Igt   Pim CurrTempOffiset CurrOffsetV2 Volts _s4p11[9]   -33     Igt   Pim CurrTempOffiset CurrOffsetV2 Volts _s4p11[10]   -35     Igt   Pim CurrTempOffiset CurrOffsetV2 Volts _s4p11[11]   -37     Igt   Pim CurrTempOffiset CurrOffsetV2 Volts _s4p11[11]   -37     Igt   Pim CurrTempOffiset CurrOffsetV2 Volts _s4p11[12]   -39     Igt   Pim CurrTempOffiset CurrOffsetV2 Volts _s4p11[12]   -39     Igt   Pim CurrTempOffiset CurrOffsetV2 Volts _s4p11[13]   -41     Igt   Pim CurrTempOffiset CurrOffsetV2 Volts _s4p11[14]   -43     Igt   Pim CurrTempOffiset CurrOffsetV2 Volts _s4p11[15]   -45     Igt   Pim CurrTempOffiset CurrTempOffset CurrOffsetV2 Volts _s4p11[16]   -45     Igt   Pim CurrTempOffical CurrTempOffset CurrOffset CurrOffse					
Igt   Pim CurrTempOffset CurrOffsetY2 Volts _s4p11[9]   .33   .35   .3		-31			
tgt   Pim_CurrTempOffset CurrOffsetY2_Volts_4pt11[10]   .35     tgt   Pim_CurrTempOffset CurrOffsetY2_Volts_4pt11[11]   .37     tgt   Pim_CurrTempOffset CurrOffsetY2_Volts_4pt11[12]   .39     tgt   Pim_CurrTempOffset CurrOffsetY2_Volts_4pt11[13]   .41     tgt   Pim_CurrTempOffset CurrOffsetY2_Volts_4pt11[14]   .43     tgt   Pim_CurrTempOffset CurrOffsetY2_Volts_4pt11[16]   .45     tgt   Rie_Inst_Sa_CmMitrCurrPim_CurrTempOffset   .45     tgt_Rie_Inst_Sa_CmMitrCurrPim_CurrTempOffset   .45     tgt_Rie_Inst_Sa_CmMitrCurrPim_Offset   .45     tgt_Rie_Inst_Sa_CmMitrCurrPim_Offset   .45     tgt_Rie_Inst_Sa_CmmitrCintCurrTempOffset   .45     tgt_Rie_Inst_Sa_CmmitrCintCurrTem		-33			
Igt   Pim CurrTempOffset CurrOffsetY2_Volts_s4p11[11]   .37     Igt   Pim_CurrTempOffset CurrOffsetY2_Volts_s4p11[12]   .39     Igt   Pim_CurrTempOffset CurrOffsetY2_Volts_s4p11[14]   .43     Igt   Pim_CurrTempOffset CurrOffsetY2_Volts_s4p11[16]   .45     Igt   Pim_CurrTempOffset CurrOffsetY2_Volts_s4p11[16]   .45     Igt   Pim_CurrTempOffset CurrOffsetY2_Volts_s4p11[16]   .45     Igt   Pim_CurrTempOffset CurrOffsetY2_Volts_s4p11[16]   .45     Igt   Pim_CurrTempOffset CurrOffsetY2_Volts_s4p11[16]   .46     Igt   Pim_CurrTempOffset   Pim_CurrTempOffset     Igt   Pim_CurrTempOffset     Igt		-35			
tgt   Pim_CurrTempOffset CurrOffsetY2_Volts_s4p11[13]   4.1   4.3   4.3   4.5   4.		-37			
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_CurrTempOffset_DegC_s10p5[0]         0         0         0           tgt_CurrTempOffset_DegC_s10p5[1]         192         192         192           tgt_CurrTempOffset_DegC_s10p5[2]         512         512         512           tgt_CurrTempOffset_DegC_s10p5[3]         832         832         832           tgt_CurrTempOffset_DegC_s10p5[4]         1152         1152         1152           tgt_CurrTempOffset_DegC_s10p5[6]         11792         1472         1472           tgt_CurrTempOffset_DegC_s10p5[6]         1792         1792         1792           tgt_CurrTempOffset_DegC_s10p5[6]         1792         1792         1792           tgt_CurrTempOffset_DegC_s10p5[7]         2112         2112         2112           tgt_CurrTempOffset_DegC_s10p5[7]         2112         2112         2112           tgt_CurrTempOffset_DegC_s10p5[7]         2752         2752         2752         2752         2752         2752         2752         2752 <t< td=""><td>tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]</td><td>-39</td><td colspan="3">-39</td></t<>	tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	-39	-39		
tg  Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]   45   tg  Pim_CurrTempOffset   tg  Pim_Cu	tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	-41			
Table   Tabl	tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	-43			
Name	tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	-45			
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]   192   192   192   192   192   192   192   192   192   192   192   192   193   192   193   192   193   1	Name	Actual Value	Expected Value	Result	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]   192   1	tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[0]	0		~	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]   832   832   832   tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]   1152   1152   1152   tgt_CurrTempOffSetX_DegC_s10p5[6]   1172   1172   tgt_CurrTempOffSetX_DegC_s10p5[6]   11792   11792   11792   tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[6]   11792   11792   11792   tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[7]   1192   1112   112   1112   1112   1112   1112   1112   1112   1112   1112   112   111		192	192	~	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]   832   832   832   tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]   1152   1152   1152   tgt_CurrTempOffSetX_DegC_s10p5[6]   1172   1172   tgt_CurrTempOffSetX_DegC_s10p5[6]   11792   11792   11792   tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[6]   11792   11792   11792   tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[7]   1192   1112   112   1112   1112   1112   1112   1112   1112   1112   1112   112   111				_	
tgl_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]				_	
tg _CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]   1472   1472   1472   tg _CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]   1792   1792   1792   tg _CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]   2112   2112   2112   tg _CurrTempOffSetX_DegC_s10p5[8]   2432				_	
tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[6]       1792       1792         tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[7]       2112       2112         tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[8]       2432       2432         tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[9]       2752       2752         tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[10]       3072       3072         tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[11]       3392       3392         tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[12]       3712       3712         tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[13]       4032       4032         tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[14]       4352       4352         tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[15]       4672       4672         tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0]       -47       -47         tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2]       -51       -51         tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]       -53       -53         tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]       6       6         tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]       6       6         tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]       10       10         tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]       10				•	
Internation				_	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]       2432       2432         tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]       2752       2752         tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]       3072       3072         tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]       3392       3392         tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]       3712       3712         tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]       4032       4032         tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]       4352       4352         tgt_CurrTempOffSetA_DegC_s10p5[15]       4672       4672         tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0]       -47       -47         tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2]       -51       -51         tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]       -53       -53         tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4]       2       2         tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[5]       4       4         tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]       6       6         tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7]       8       8         tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]       10       10         tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9]       12       12 <td></td> <td></td> <td></td> <td>_</td>				_	
Igt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]       2752       2752         tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]       3072       3072         tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]       3392       3392         tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]       3712       3712         tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]       4032       4032         tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]       4352       4352         tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]       4672       4672         tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0]       -47       -47         tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1]       -49       -49         tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2]       -51       -51         tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]       -53       -53         tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4]       2       2         tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[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.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.CurrOffsetY_DegC_s10p5[15]       4672         tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0]       -47         -47       -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[5]       4         tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]       6         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[9]       12					
tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[0]					
tgt_CurrTempOffCal.CurrTempOffCal.CurrTempOffCal.CurrTempOffCal.CurrTempOffCal.CurrTempOffCal.CurrTempOffCal.CurrTempOffCal.CurrTempOffCal.CurrTempOffCal.CurrTempOffCal.CurrTempOffCal.CurrTempOffCal.CurrTempOffCal.CurrTempOffCal.CurrTempOffCal.CurrTempOffCal.CurrTempOffCal.CurrTempOffCal.CurrOffSetY1_Volts_s4p11[0]				<b>~</b>	
tgt_CurrTempOffCal.CurrTempOffCal.CurrTempOffCal.CurrTempOffCal.CurrTempOffCal.CurrTempOffCal.CurrTempOffCal.CurrTempOffCal.CurrTempOffCal.CurrTempOffCal.CurrTempOffCal.CurrTempOffCal.CurrOffSetY1_Volts_s4p11[0]					
tgt_CurrTempOffCal.CurrTempOffCal.CurrTempOffCal.CurrTempOffCal.CurrTempOffCal.CurrTempOffCal.CurrTempOffCal.CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0]				<b>~</b>	
tgt_CurrTempOffCal.CurrOffsetX_DegC_s10p5[15]					
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0]				_	
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1]					
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2]       -51       -51         tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]       -53       -53         tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4]       2       2         tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[5]       4       4         tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]       6       6         tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7]       8       8         tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]       10       10         tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9]       12       12				•	
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3] -53 -53  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4] 2 2  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[5] 4 4  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6] 6 6  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7] 8 8  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8] 10 10  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9] 12 12				_	
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[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[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[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[7]       8       8         tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]       10       10         tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9]       12       12				_	
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8] 10 10 10 tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9] 12 12				<b>✓</b>	
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9] 12 12				_	
				<b>✓</b>	
	tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]	14	14		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[11] 16 16				·	
tgt CurrTempOffCal.CurrOffsetY1 Volts s4p11[12] 18 18				_	
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13] 20 20				·	
tgt CurrTempOffCal.CurrOffsetY1 Volts s4p11[14] 23 23					
				~	
<u> </u>				~	
		-18			
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3] -20 -20				<b>✓</b>	
				_	
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6] -27 -27		-27			
				•	
				-	
				•	
				-	
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11] -37 -37				<b>✓</b>	
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12] -39 -39					
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13] -41 -41				<b>~</b>	
				~	