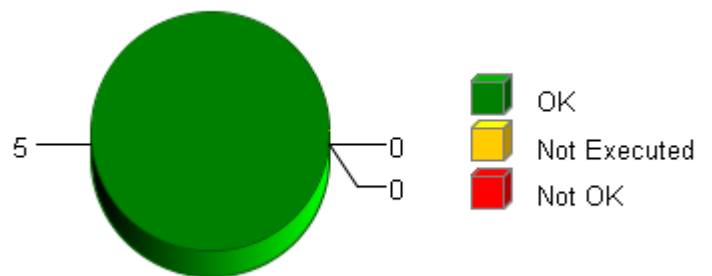


## Summary

Total Test Objects: 5  
Successful: 5  
Failed: 0  
Not Executed: 0  
Date: 2016-01-18  
Time: 15:53:45+0530

## Overall Test Object Results (including Coverage)



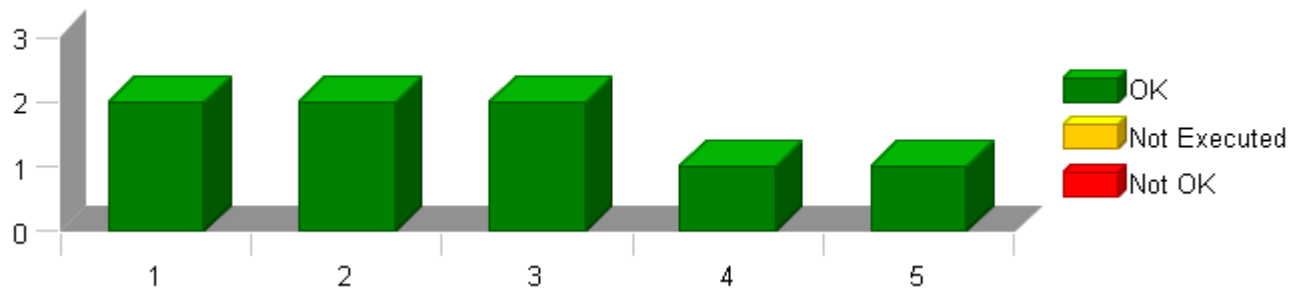
## Selected Project Items

Test Object "CBD\_UnitTest/CurrParamComp/CurrParamComp\_Init"  
Test Object "CBD\_UnitTest/CurrParamComp/CurrParamComp\_Per1"  
Test Object "CBD\_UnitTest/CurrParamComp/CurrParamComp\_Per2"  
Test Object "CBD\_UnitTest/CurrParamComp/SCom\_EOLNomMtrParam\_Get"  
Test Object "CBD\_UnitTest/CurrParamComp/SCom\_EOLNomMtrParam\_Set"

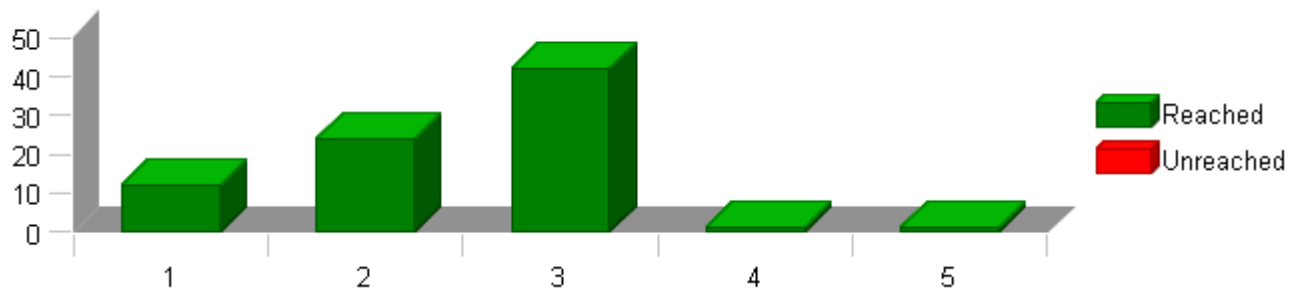
## Used Test Environments

TI TMS 570 PLS UDE (Default)

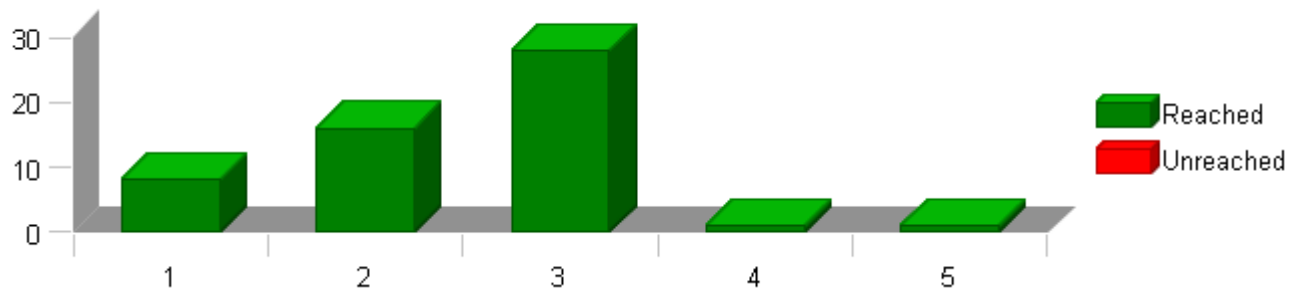
## Test Case Results for Each Test Object (without Coverage)



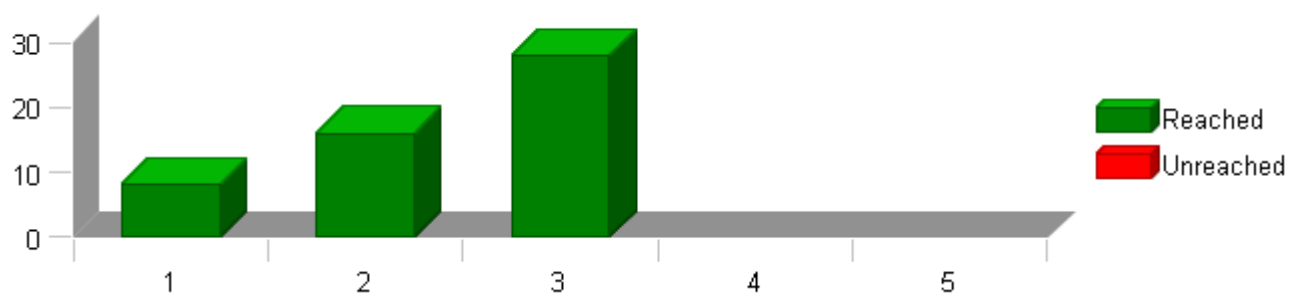
The table above shows each test object on the x axis and the number of test cases of the respective test object on the y axis. Each bar is divided into passed, not executed and failed test cases. The test case results do not take into account any coverage result (i.e. if all test cases of a test object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

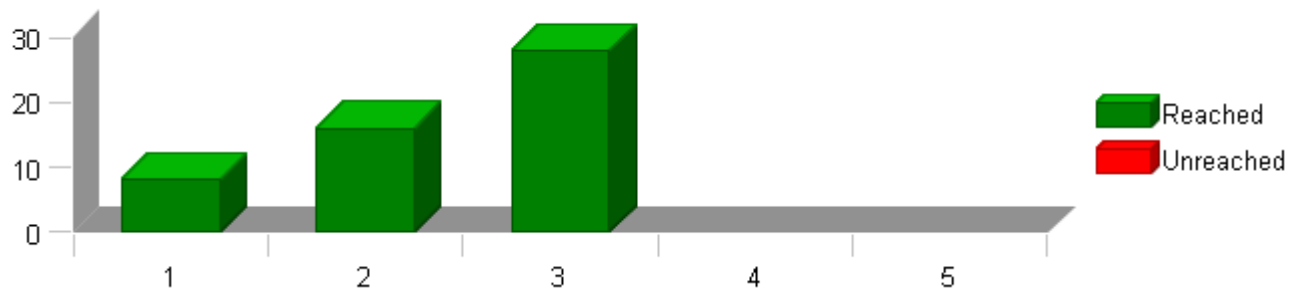
The table above shows each test object on the x axis and the number of branches of the respective test object on the y axis. Each bar is divided into reached branches (i.e. branches that have been executed during the test) and unreached branches.

**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.

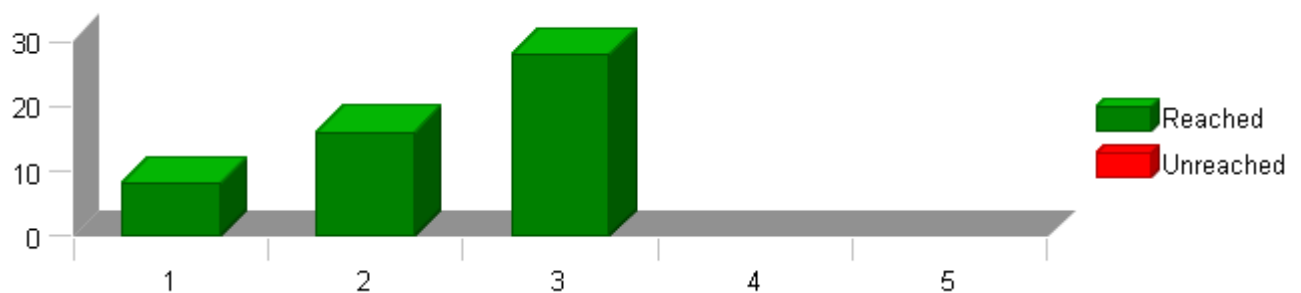
## MC/DC Coverage: Total Condition Combinations for Each Test Object



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

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Project MtrCtrl



### Test Object List

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

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

No.	Name	C0	C1	DC	MC/DC	MCC	Test Cases	Result
	MtrCtrl	100 %	100 %	100 %	100 %	100 %	8 of 8 passed	✓
	CBD_UnitTest	100 %	100 %	100 %	100 %	100 %	8 of 8 passed	✓
	CurrParamComp	100 %	100 %	100 %	100 %	100 %	8 of 8 passed	✓
1	<a href="#">CurrParamComp_Init</a>	100 %	100 %	100 %	100 %	100 %	2 of 2 passed	✓
2	<a href="#">CurrParamComp_Per1</a>	100 %	100 %	100 %	100 %	100 %	2 of 2 passed	✓
3	<a href="#">CurrParamComp_Per2</a>	100 %	100 %	100 %	100 %	100 %	2 of 2 passed	✓
4	<a href="#">SCom_EOLNomMtrParam_Get</a>	100 %	100 %	-	-	-	1 of 1 passed	✓
5	<a href="#">SCom_EOLNomMtrParam_Set</a>	100 %	100 %	-	-	-	1 of 1 passed	✓

# TEST DETAILS REPORT

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SCom\_EOLNomMtrParam\_Get



Project	MtrCtrl
Module	CurrParamComp
Test Object	SCom_EOLNomMtrParam_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\MtrCtrl_CM
Configuration File	D:\Synergy_Work_Area\MtrCtrl_CM\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)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS=-D_inline=-Dconst=-I\$(PROJECTROOT)\MtrCtrl_CM\utp\contract -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\MtrCtrl_CM\utp\contract\Ap_CurrParamComp -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\MtrCtrl_CM\include -I\$(Compiler Install Path)\include
File	\$(PROJECTROOT)\MtrCtrl_CM\src\Ap_CurrParamComp.c
Compiler Options	-D_DATA_ACCESS=-D_inline=-Dconst=-I\$(PROJECTROOT)\MtrCtrl_CM\utp\contract -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\MtrCtrl_CM\utp\contract\Ap_CurrParamComp -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\MtrCtrl_CM\include -I\$(Compiler Install Path)\include

## Comments/Description/Specification

Name	Text
Module 'CurrParamComp'	*****Unit Test Information*****  Name of Tester:Priti Mangalekar Code File(s) Under Test:Ap_CurrParamComp.c Code File(s) Version:11 Module Design Document:CurrParamComp_MDD.docx Module Design Document Version:6 Data Dictionary Version:13 Unit Test Plan Version:4 Optimization Level:Level 2 Compiler (CodeGen) Version:TMS470_4.9.5 Model Type:Excel Macro Model Version:Nxteer EPS Unit Test Tool 2.7d/EPS Library 1.32 Total FLASH Used (Bytes):1766 Total RAM Used (Bytes):52 Total CALS Used (Bytes):2840 Special Test Requirements: Test Date:01/15/2016 Comments:"Note 1: Inline functions declared in Globalmacro.h are not Unit Tested. NOTE2:"CBD_Sandbox_dbg.map" map file is embedded for reference. " *****

## 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\Nxteer_ts_make_ude_ti_tms570_ps.tpl
Target Install Path	\$(ProgramFiles)\pls\UDE 3.2
Time Unit	Cycles
Timer Enabled	false

# TEST DETAILS REPORT

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SCom\_EOLNomMtrParam\_Get



Attributes	
Name	Value
Timer Prescale	0
Timer Resolution	1
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\MtrCtrl_CM\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

# TEST DETAILS REPORT

2016-01-18, 15:39:30+0530

SCom\_EOLNomMtrParam\_Get



## Test Case 1: Boundary Test

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

CPU Cycles:

TS1.1 251.00 Cycles  
TS1.2 252.00 Cycles  
TS1.3 252.00 Cycles  
TS1.4 252.00 Cycles  
TS1.5 252.00 Cycles  
TS1.6 252.00 Cycles  
TS1.7 252.00 Cycles  
TS1.8 252.00 Cycles

**Description** Vector Description

TS1.1 Rte\_Pim\_EOLNomMtrParam.Pim\_EOLNomMtrParam.NomKe\_VpRadpS\_f32 min  
TS1.2 Rte\_Pim\_EOLNomMtrParam.Pim\_EOLNomMtrParam.NomKe\_VpRadpS\_f32 max  
TS1.3 Rte\_Pim\_EOLNomMtrParam.Pim\_EOLNomMtrParam.NomKe\_VpRadpS\_f32 pos  
TS1.4 Rte\_Pim\_EOLNomMtrParam.Pim\_EOLNomMtrParam.NomRmtr\_Ohm\_f32 min  
TS1.5 Rte\_Pim\_EOLNomMtrParam.Pim\_EOLNomMtrParam.NomRmtr\_Ohm\_f32 max  
TS1.6 Rte\_Pim\_EOLNomMtrParam.Pim\_EOLNomMtrParam.NomRmtr\_Ohm\_f32 pos  
TS1.7 All min  
TS1.8 All max

### Test Step 1.1 (Repeat Count = 1)

Name	Input Value		
NomKe_VpRadpS_f32	target_NomKe_VpRadpS_f32		
NomRmtr_Ohm_f32	target_NomRmtr_Ohm_f32		
Rte_Inst_Ap_CurrParamComp	target_Rte_Inst_Ap_CurrParamComp		
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0250000004		
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0768000036		
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	target_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
target_NomKe_VpRadpS_f32	0.0250000004	0.0250000004	✔
target_NomRmtr_Ohm_f32	0.0768000036	0.0768000036	✔

### Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

### Test Step 1.2 (Repeat Count = 1)

Name	Input Value		
NomKe_VpRadpS_f32	target_NomKe_VpRadpS_f32		
NomRmtr_Ohm_f32	target_NomRmtr_Ohm_f32		
Rte_Inst_Ap_CurrParamComp	target_Rte_Inst_Ap_CurrParamComp		
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.075000003		
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0571999997		
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	target_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
target_NomKe_VpRadpS_f32	0.075000003	0.075000003	✓
target_NomRmtr_Ohm_f32	0.0571999997	0.0571999997	✓

### Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

### Test Step 1.3 (Repeat Count = 1)

Name	Input Value		
NomKe_VpRadpS_f32	target_NomKe_VpRadpS_f32		
NomRmtr_Ohm_f32	target_NomRmtr_Ohm_f32		
Rte_Inst_Ap_CurrParamComp	target_Rte_Inst_Ap_CurrParamComp		
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0560000017		
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0681999996		
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	target_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
target_NomKe_VpRadpS_f32	0.0560000017	0.0560000017	✓
target_NomRmtr_Ohm_f32	0.0681999996	0.0681999996	✓

# TEST DETAILS REPORT

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SCom\_EOLNomMtrParam\_Get



## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 1.4 (Repeat Count = 1)

Name	Input Value		
NomKe_VpRadpS_f32	target_NomKe_VpRadpS_f32		
NomRmtr_Ohm_f32	target_NomRmtr_Ohm_f32		
Rte_Inst_Ap_CurrParamComp	target_Rte_Inst_Ap_CurrParamComp		
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0379999988		
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.00499999989		
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	target_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
target_NomKe_VpRadpS_f32	0.0379999988	0.0379999988	✓
target_NomRmtr_Ohm_f32	0.00499999989	0.00499999989	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 1.5 (Repeat Count = 1)

Name	Input Value		
NomKe_VpRadpS_f32	target_NomKe_VpRadpS_f32		
NomRmtr_Ohm_f32	target_NomRmtr_Ohm_f32		
Rte_Inst_Ap_CurrParamComp	target_Rte_Inst_Ap_CurrParamComp		
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0469999984		
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.125650004		
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	target_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
target_NomKe_VpRadpS_f32	0.0469999984	0.0469999984	✓
target_NomRmtr_Ohm_f32	0.125650004	0.125650004	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 1.6 (Repeat Count = 1)

Name	Input Value		
NomKe_VpRadpS_f32	target_NomKe_VpRadpS_f32		
NomRmtr_Ohm_f32	target_NomRmtr_Ohm_f32		
Rte_Inst_Ap_CurrParamComp	target_Rte_Inst_Ap_CurrParamComp		
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0579999983		
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0781999975		
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	target_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
target_NomKe_VpRadpS_f32	0.0579999983	0.0579999983	✓
target_NomRmtr_Ohm_f32	0.0781999975	0.0781999975	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 1.7 (Repeat Count = 1)

Name	Input Value
NomKe_VpRadpS_f32	target_NomKe_VpRadpS_f32
NomRmtr_Ohm_f32	target_NomRmtr_Ohm_f32
Rte_Inst_Ap_CurrParamComp	target_Rte_Inst_Ap_CurrParamComp
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0250000004
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.00499999989



# TEST DETAILS REPORT

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SCom\_EOLNomMtrParam\_Get

Name	Input Value		
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	target_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
target_NomKe_VpRadpS_f32	0.0250000004	0.0250000004	✓
target_NomRmtr_Ohm_f32	0.00499999989	0.00499999989	✓

## Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 1.8 (Repeat Count = 1) ✓

Name	Input Value		
NomKe_VpRadpS_f32	target_NomKe_VpRadpS_f32		
NomRmtr_Ohm_f32	target_NomRmtr_Ohm_f32		
Rte_Inst_Ap_CurrParamComp	target_Rte_Inst_Ap_CurrParamComp		
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0750000003		
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.125650004		
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	target_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
target_NomKe_VpRadpS_f32	0.0750000003	0.0750000003	✓
target_NomRmtr_Ohm_f32	0.125650004	0.125650004	✓

## Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

# TEST DETAILS REPORT

2016-01-18, 15:38:27+0530

CurrParamComp\_Per2



Project	MtrCtrl
Module	CurrParamComp
Test Object	CurrParamComp_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	2
Successful	2 ✓
Failed	0
Not Executed	0

## Module Properties

Project Root Directory	D:\Synergy_Work_Area\MtrCtrl_CM
Configuration File	D:\Synergy_Work_Area\MtrCtrl_CM\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)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS=-D__inline=-Dconst=-I\$(PROJECTROOT)\MtrCtrl_CM\utp\contract -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\MtrCtrl_CM\utp\contract\Ap_CurrParamComp -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\MtrCtrl_CM\include -I\$(Compiler Install Path)\include
File	\$(PROJECTROOT)\MtrCtrl_CM\src\Ap_CurrParamComp.c
Compiler Options	-D_DATA_ACCESS=-D__inline=-Dconst=-I\$(PROJECTROOT)\MtrCtrl_CM\utp\contract -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\MtrCtrl_CM\utp\contract\Ap_CurrParamComp -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\MtrCtrl_CM\include -I\$(Compiler Install Path)\include

## Comments/Description/Specification

Name	Text
Module 'CurrParamComp'	*****Unit Test Information*****  Name of Tester:Priti Mangalekar Code File(s) Under Test:Ap_CurrParamComp.c Code File(s) Version:11 Module Design Document:CurrParamComp_MDD.docx Module Design Document Version:6 Data Dictionary Version:13 Unit Test Plan Version:4 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):1766 Total RAM Used (Bytes):52 Total CALS Used (Bytes):2840 Special Test Requirements: Test Date:01/15/2016 Comments:"Note 1: Inline functions declared in Globalmacro.h are not Unit Tested. NOTE2:"CBD_Sandbox_dbg.map" map file is embedded for reference. " *****

## 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

# TEST DETAILS REPORT

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CurrParamComp\_Per2



Attributes	
Name	Value
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl
Target Install Path	\$(ProgramFiles)\pls\UDE 3.2
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\MtrCtrl_CM\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

# TEST DETAILS REPORT

2016-01-18, 15:38:27+0530



CurrParamComp\_Per2

## Test Case 1: Metrics Test

<b>Specification</b>	Performance Metrics (With "None" Instrumentation and WithPS Environment)  CPU Cycles:  TS1.1 671.00 Cycles TS1.2 709.00 Cycles
<b>Description</b>	Vector Description:  TS1.1"Shortest Execution Path: (NomRmtr_Ohm_T_f32>=D_MAXRRANGE_OHM_F32)=True (NomKe_VpRadpS_T_f32>=D_MAXKERANGE_VPRADPS_F32)=True (CuTempEst_DegC_T_f32>=D_CUTEMPESTHILMT_DEGC_F32)=True (MagTempEst_DegC_T_f32>=D_MAGTEMPESTHILMT_DEGC_F32)=True (SiTempEst_DegC_T_f32>=D_SITEMPESTLOLMT_DEGC_F32)=True" TS1.2"Longest Execution Path: (NomRmtr_Ohm_T_f32>=D_MINRRANGE_OHM_F32)=False (NomKe_VpRadpS_T_f32>=D_MINKERANGE_VPRADPS_F32)=False (CuTempEst_DegC_T_f32>=D_CUTEMPESTLOLMT_DEGC_F32)=False (SiTempEst_DegC_T_f32>=D_SITEMPESTLOLMT_DEGC_F32)=False (MagTempEst_DegC_T_f32>=D_MAGTEMPESTHILMT_DEGC_F32)=False"

## Test Step 1.1 (Repeat Count = 1)

Name	Input Value		
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp		
k_CuThermCoeff_OhmpDegC_f32	0.000681000005		
k_MagThrC_VpRadpSpDegC_f32	-0.00033000001		
k_MaxKeRngLmt_VpRadpS_f32	0.0710000023		
k_MaxRRngLmt_Ohm_f32	0.0280000009		
k_MinKeRngLmt_VpRadpS_f32	0.0260000005		
k_MinRRngLmt_Ohm_f32	0.0430000015		
k_NomRfet_Ohm_f32	0.0130000003		
k_NomTemp_DegC_f32	46.769001		
k_SiThermCoeff_OhmpDegC_f32	0		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	300		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	200		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	150		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.075000003		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.125650004		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32	tgt_CurrParamComp_Per2_CuTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32	0.0710000023	0.0710000023	✔
EstRFF_Ohm_M_f32	0.0280000009	0.0280000009	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

## Test Step 1.2 (Repeat Count = 1)

Name	Input Value
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_CuThermCoeff_OhmpDegC_f32	0.000769099977
k_MagThrC_VpRadpSpDegC_f32	0.000199999995
k_MaxKeRngLmt_VpRadpS_f32	0.0350000001
k_MaxRRngLmt_Ohm_f32	0.0309999995
k_MinKeRngLmt_VpRadpS_f32	0.0379999988
k_MinRRngLmt_Ohm_f32	0.0430000015
k_NomRfet_Ohm_f32	0.0199999996
k_NomTemp_DegC_f32	92.0329971
k_SiThermCoeff_OhmpDegC_f32	0.000360000005
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	19.4440002
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	-41.3580017
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	81.1650009
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0250000004
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.00499999989
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32	tgt_CurrParamComp_Per2_CuTempEst_DegC_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_DegC_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_DegC_f32

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Name	Input Value		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32	0.0379999988	0.0379999988	✓
EstRFF_Ohm_M_f32	0.0430000015	0.0430000015	✓

Test Step Call Trace					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓	
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓	

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*CurrParamComp\_Per2*



## Test Case 2: Boundary Test





Specification	Performance Metrics (With "None" Instrumentation and WithPS Environment)
	CPU Cycles:
	CPU Cycles:
	TS2.1 690.00 Cycles
	TS2.2 663.00 Cycles
	TS2.3 690.00 Cycles
	TS2.4 690.00 Cycles
	TS2.5 690.00 Cycles
	TS2.6 700.00 Cycles
	TS2.7 682.00 Cycles
	TS2.8 690.00 Cycles
	TS2.9 700.00 Cycles
	TS2.10 681.00 Cycles
	TS2.11 690.00 Cycles
	TS2.12 700.00 Cycles
	TS2.13 671.00 Cycles
	TS2.14 691.00 Cycles
	TS2.15 682.00 Cycles
	TS2.16 700.00 Cycles
	TS2.17 700.00 Cycles
	TS2.18 690.00 Cycles
	TS2.19 700.00 Cycles
	TS2.20 700.00 Cycles
	TS2.21 671.00 Cycles
	TS2.22 700.00 Cycles
	TS2.23 690.00 Cycles
	TS2.24 681.00 Cycles
	TS2.25 700.00 Cycles
	TS2.26 700.00 Cycles
	TS2.27 690.00 Cycles
	TS2.28 690.00 Cycles
	TS2.29 700.00 Cycles
	TS2.30 671.00 Cycles
	TS2.31 692.00 Cycles
	TS2.32 672.00 Cycles
	TS2.33 701.00 Cycles
	TS2.34 700.00 Cycles
	TS2.35 700.00 Cycles
	TS2.36 701.00 Cycles
	TS2.37 700.00 Cycles
	TS2.38 671.00 Cycles
	TS2.39 700.00 Cycles
	TS2.40 681.00 Cycles
	TS2.41 690.00 Cycles
	TS2.42 699.00 Cycles
	TS2.43 681.00 Cycles
	TS2.44 690.00 Cycles
	TS2.45 709.00 Cycles
	TS2.46 671.00 Cycles
	TS2.47 681.00 Cycles
	TS2.48 699.00 Cycles
	TS2.49 700.00 Cycles
	TS2.50 709.00 Cycles
	TS2.51 671.00 Cycles
	TS2.52 690.00 Cycles
	TS2.53 692.00 Cycles
	TS2.54 681.00 Cycles
	TS2.55 700.00 Cycles

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## Description

Vector Description:

TS 2.1All min  
TS 2.2All max  
TS 2.3CuTempEst\_DegC\_f32 min  
TS 2.4CuTempEst\_DegC\_f32 max  
TS 2.5CuTempEst\_DegC\_f32 zero  
TS 2.6CuTempEst\_DegC\_f32 neg  
TS 2.7CuTempEst\_DegC\_f32 pos  
TS 2.8MagTempEst\_DegC\_f32 min  
TS 2.9MagTempEst\_DegC\_f32 max  
TS 2.10MagTempEst\_DegC\_f32 zero  
TS 2.11MagTempEst\_DegC\_f32 neg  
TS 2.12MagTempEst\_DegC\_f32 pos  
TS 2.13SiTempEst\_DegC\_f32 min  
TS 2.14SiTempEst\_DegC\_f32 max  
TS 2.15SiTempEst\_DegC\_f32 zero  
TS 2.16SiTempEst\_DegC\_f32 neg  
TS 2.17SiTempEst\_DegC\_f32 pos  
TS 2.18k\_NomTemp\_DegC\_f32 min  
TS 2.19k\_NomTemp\_DegC\_f32 pos  
TS 2.20k\_NomTemp\_DegC\_f32 zero  
TS 2.21k\_NomTemp\_DegC\_f32 neg  
TS 2.22k\_NomTemp\_DegC\_f32 pos  
TS 2.23k\_NomTemp\_DegC\_f32 Default  
TS 2.24k\_MagThrC\_VpRadpSpDegC\_f32 min  
TS 2.25k\_MagThrC\_VpRadpSpDegC\_f32 max  
TS 2.26k\_MagThrC\_VpRadpSpDegC\_f32 zero  
TS 2.27k\_MagThrC\_VpRadpSpDegC\_f32 neg/Default  
TS 2.28k\_MagThrC\_VpRadpSpDegC\_f32 pos  
TS 2.29k\_MinKeRngLmt\_VpRadpS\_f32 min  
TS 2.30k\_MinKeRngLmt\_VpRadpS\_f32 max  
TS 2.31k\_MinKeRngLmt\_VpRadpS\_f32 pos/Default  
TS 2.32k\_MaxKeRngLmt\_VpRadpS\_f32 min  
TS 2.33k\_MaxKeRngLmt\_VpRadpS\_f32 max  
TS 2.34k\_MaxKeRngLmt\_VpRadpS\_f32 pos/Default  
TS 2.35k\_NomRfet\_Ohm\_f32 min  
TS 2.36k\_NomRfet\_Ohm\_f32 max  
TS 2.37k\_NomRfet\_Ohm\_f32 pos/Default  
TS 2.38k\_SiThermCoeff\_OhmpDegC\_f32 min  
TS 2.39k\_SiThermCoeff\_OhmpDegC\_f32 max  
TS 2.40k\_SiThermCoeff\_OhmpDegC\_f32 pos/Default  
TS 2.41k\_CuThermCoeff\_OhmpDegC\_f32 min  
TS 2.42k\_CuThermCoeff\_OhmpDegC\_f32 max  
TS 2.43k\_CuThermCoeff\_OhmpDegC\_f32 pos/Default  
TS 2.44k\_MinRRngLmt\_Ohm\_f32 min  
TS 2.45k\_MinRRngLmt\_Ohm\_f32 max  
TS 2.46k\_MinRRngLmt\_Ohm\_f32 pos/Default  
TS 2.47k\_MaxRRngLmt\_Ohm\_f32 min  
TS 2.48k\_MaxRRngLmt\_Ohm\_f32 max  
TS 2.49k\_MaxRRngLmt\_Ohm\_f32 pos/Default  
TS 2.50Rte\_Pim\_EOLNomMtrParam.Pim\_EOLNomMtrParam.NomKe\_VpRadpS\_f32 min  
TS 2.51Rte\_Pim\_EOLNomMtrParam.Pim\_EOLNomMtrParam.NomKe\_VpRadpS\_f32 max  
TS 2.52Rte\_Pim\_EOLNomMtrParam.Pim\_EOLNomMtrParam.NomKe\_VpRadpS\_f32 pos  
TS 2.53Rte\_Pim\_EOLNomMtrParam.Pim\_EOLNomMtrParam.NomRmtr\_Ohm\_f32 min  
TS 2.54Rte\_Pim\_EOLNomMtrParam.Pim\_EOLNomMtrParam.NomRmtr\_Ohm\_f32 max  
TS 2.55Rte\_Pim\_EOLNomMtrParam.Pim\_EOLNomMtrParam.NomRmtr\_Ohm\_f32 pos

## Test Step 2.1 (Repeat Count = 1)

Name	Input Value		
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp		
k_CuThermCoeff_OhmpDegC_f32	0		
k_MagThrC_VpRadpSpDegC_f32	-0.00150000001		
k_MaxKeRngLmt_VpRadpS_f32	0.0250000004		
k_MaxRRngLmt_Ohm_f32	0.00499999989		
k_MinKeRngLmt_VpRadpS_f32	0.0250000004		
k_MinRRngLmt_Ohm_f32	0.00499999989		
k_NomRfet_Ohm_f32	0		
k_NomTemp_DegC_f32	-40		
k_SiThermCoeff_OhmpDegC_f32	0		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	-50		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	-50		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	-50		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0250000004		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.00499999989		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32	tgt_CurrParamComp_Per2_CuTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32	0.0250000004	0.0250000004	✓
EstRFF_Ohm_M_f32	0.00499999989	0.00499999989	✓



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## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

## Test Step 2.2 (Repeat Count = 1)

Name	Input Value		
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp		
k_CuThermCoeff_OhmpDegC_f32	0.00449999981		
k_MagThrC_VpRadpSpDegC_f32	0.00150000001		
k_MaxKeRngLmt_VpRadpS_f32	0.075000003		
k_MaxRRngLmt_Ohm_f32	0.125650004		
k_MinKeRngLmt_VpRadpS_f32	0.075000003		
k_MinRRngLmt_Ohm_f32	0.125650004		
k_NomRfet_Ohm_f32	0.125650004		
k_NomTemp_DegC_f32	150		
k_SiThermCoeff_OhmpDegC_f32	0.00600000005		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	150		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	150		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	150		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.075000003		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.125650004		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32	tgt_CurrParamComp_Per2_CuTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32	0.075000003	0.075000003	✔
EstRFF_Ohm_M_f32	0.125650004	0.125650004	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

## Test Step 2.3 (Repeat Count = 1)

Name	Input Value		
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp		
k_CuThermCoeff_OhmpDegC_f32	0.00211		
k_MagThrC_VpRadpSpDegC_f32	-0.000560000015		
k_MaxKeRngLmt_VpRadpS_f32	0.0309999995		
k_MaxRRngLmt_Ohm_f32	0.00600000005		
k_MinKeRngLmt_VpRadpS_f32	0.0710000023		
k_MinRRngLmt_Ohm_f32	0.00899999961		
k_NomRfet_Ohm_f32	0.0309999995		
k_NomTemp_DegC_f32	-39.9869995		
k_SiThermCoeff_OhmpDegC_f32	0.00300000003		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	-50		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	-49.3250008		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	-49.6800003		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0379999988		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0768000036		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32	tgt_CurrParamComp_Per2_CuTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32	0.0309999995	0.0309999995	✓
EstRFF_Ohm_M_f32	0.00600000005	0.00600000005	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

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## Test Step 2.4 (Repeat Count = 1)

Name	Input Value		
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp		
k_CuThermCoeff_OhmpDegC_f32	0.00156999996		
k_MagThrC_VpRadpSpDegC_f32	-0.000513000006		
k_MaxKeRngLmt_VpRadpS_f32	0.0320000015		
k_MaxRRngLmt_Ohm_f32	0.00700000022		
k_MinKeRngLmt_VpRadpS_f32	0.0719999969		
k_MinRRngLmt_Ohm_f32	0.00999999978		
k_NomRfet_Ohm_f32	0.0350000001		
k_NomTemp_DegC_f32	-36.2150002		
k_SiThermCoeff_OhmpDegC_f32	0.00200000009		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	150		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	-45.3650017		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	-46.3250008		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0469999984		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0571999997		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32	tgt_CurrParamComp_Per2_CuTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32	0.0320000015	0.0320000015	✔
EstRFF_Ohm_M_f32	0.00700000022	0.00700000022	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

## Test Step 2.5 (Repeat Count = 1)

Name	Input Value		
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp		
k_CuThermCoeff_OhmpDegC_f32	0.00261799991		
k_MagThrC_VpRadpSpDegC_f32	-0.000465999998		
k_MaxKeRngLmt_VpRadpS_f32	0.0329999998		
k_MaxRRngLmt_Ohm_f32	0.00800000038		
k_MinKeRngLmt_VpRadpS_f32	0.0729999989		
k_MinRRngLmt_Ohm_f32	0.0109999999		
k_NomRfet_Ohm_f32	0.0390000008		
k_NomTemp_DegC_f32	-32.4430008		
k_SiThermCoeff_OhmpDegC_f32	0.00100000005		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	0		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	-41.4049988		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	-42.9700012		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0579999983		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0681999996		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32	tgt_CurrParamComp_Per2_CuTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32	0.0329999998	0.0329999998	✔
EstRFF_Ohm_M_f32	0.00800000038	0.00800000038	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

## Test Step 2.6 (Repeat Count = 1)

Name	Input Value
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_CuThermCoeff_OhmpDegC_f32	0.00345199998
k_MagThrC_VpRadpSpDegC_f32	-0.000418999989

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Name	Input Value		
k_MaxKeRngLmt_VpRadpS_f32	0.0340000018		
k_MaxRRngLmt_Ohm_f32	0.00899999961		
k_MinKeRngLmt_VpRadpS_f32	0.0740000001		
k_MinRRngLmt_Ohm_f32	0.0120000001		
k_NomRfet_Ohm_f32	0.0430000015		
k_NomTemp_DegC_f32	-28.6709995		
k_SiThermCoeff_OhmpDegC_f32	0.00499999989		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	-10.3249998		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	-37.4449997		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	-39.6150017		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0250000004		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0729999989		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32	tgt_CurrParamComp_Per2_CuTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32	0.074000001	0.074000001	✓
EstRFF_Ohm_M_f32	0.00899999961	0.00899999961	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

Test Step 2.7 (Repeat Count = 1)				
Name		Input Value		
Rte_Inst_Ap_CurrParamComp		tgt_Rte_Inst_Ap_CurrParamComp		
k_CuThermCoeff_OhmpDegC_f32		0.00078110001		
k_MagThrC_VpRadpSpDegC_f32		-0.00037200001		
k_MaxKeRngLmt_VpRadpS_f32		0.0350000001		
k_MaxRRngLmt_Ohm_f32		0.00999999978		
k_MinKeRngLmt_VpRadpS_f32		0.0540000014		
k_MinRRngLmt_Ohm_f32		0.0130000003		
k_NomRfet_Ohm_f32		0.0469999984		
k_NomTemp_DegC_f32		-24.8990002		
k_SiThermCoeff_OhmpDegC_f32		0.00079999998		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value		123.153999		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value		-33.4850006		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value		-36.2599983		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32		0.0750000003		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32		0.0680000037		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32		tgt_CurrParamComp_Per2_CuTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32		tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32		tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam		tgt_Pim_EOLNomMtrParam		
Name		Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32		0.0350000001	0.0350000001	✓
EstRFF_Ohm_M_f32		0.00999999978	0.00999999978	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

Test Step 2.8 (Repeat Count = 1)		
Name	Input Value	
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp	
k_CuThermCoeff_OhmpDegC_f32	0.000671099988	
k_MagThrC_VpRadpSpDegC_f32	-0.000325000001	
k_MaxKeRngLmt_VpRadpS_f32	0.03599999985	
k_MaxRRngLmt_Ohm_f32	0.01099999999	
k_MinKeRngLmt_VpRadpS_f32	0.05499999997	
k_MinRRngLmt_Ohm_f32	0.0140000004	
k_NomRfet_Ohm_f32	0.0509999999	
k_NomTemp_DegC_f32	-21.1270008	

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Name	Input Value		
k_SiThermCoeff_OhmpDegC_f32	0.000609999988		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	-20.3260002		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	-50		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	-32.9049988		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0500000007		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0960000008		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32	tgt_CurrParamComp_Per2_CuTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32	0.0359999985	0.0359999985	✔
EstRFF_Ohm_M_f32	0.0109999999	0.0109999999	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

Test Step 2.9 (Repeat Count = 1)				
Name		Input Value		
Rte_Inst_Ap_CurrParamComp		tgt_Rte_Inst_Ap_CurrParamComp		
k_CuThermCoeff_OhmpDegC_f32		0.000769099977		
k_MagThrC_VpRadpSpDegC_f32		-0.000277999992		
k_MaxKeRngLmt_VpRadpS_f32		0.0370000005		
k_MaxRRngLmt_Ohm_f32		0.0120000001		
k_MinKeRngLmt_VpRadpS_f32		0.0560000017		
k_MinRRngLmt_Ohm_f32		0.0149999997		
k_NomRfet_Ohm_f32		0.0549999997		
k_NomTemp_DegC_f32		-17.3549995		
k_SiThermCoeff_OhmpDegC_f32		0.000709999993		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value		-19.3560009		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value		150		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value		-29.5499992		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32		0.0299999993		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32		0.00499999989		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32		tgt_CurrParamComp_Per2_CuTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32		tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32		tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam		tgt_Pim_EOLNomMtrParam		
Name		Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32		0.0560000017	0.0560000017	✓
EstRFF_Ohm_M_f32		0.0120000001	0.0120000001	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

Test Step 2.10 (Repeat Count = 1)		
Name	Input Value	
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp	
k_CuThermCoeff_OhmpDegC_f32	0.000570999982	
k_MagThrC_VpRadpSpDegC_f32	-0.000230999998	
k_MaxKeRngLmt_VpRadpS_f32	0.0379999988	
k_MaxRRngLmt_Ohm_f32	0.0130000003	
k_MinKeRngLmt_VpRadpS_f32	0.057	
k_MinRRngLmt_Ohm_f32	0.0160000008	
k_NomRfet_Ohm_f32	0.0590000004	
k_NomTemp_DegC_f32	-13.5830002	
k_SiThermCoeff_OhmpDegC_f32	0.000579999993	
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	-18.3859997	
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	0	
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	-26.1949997	
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0399999991	
tot_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.125650004	

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Name	Input Value		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32	tgt_CurrParamComp_Per2_CuTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32	0.0379999988	0.0379999988	✔
EstRFF_Ohm_M_f32	0.0130000003	0.0130000003	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

## Test Step 2.11 (Repeat Count = 1)

Name	Input Value		
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp		
k_CuThermCoeff_OhmpDegC_f32	0.00097709999		
k_MagThrC_VpRadpSpDegC_f32	-0.000184000004		
k_MaxKeRngLmt_VpRadpS_f32	0.0390000008		
k_MaxRRngLmt_Ohm_f32	0.0140000004		
k_MinKeRngLmt_VpRadpS_f32	0.0579999983		
k_MinRRngLmt_Ohm_f32	0.0170000009		
k_NomRfet_Ohm_f32	0.0630000001		
k_NomTemp_DegC_f32	-9.81099987		
k_SiThermCoeff_OhmpDegC_f32	0.000679999997		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	-17.4160004		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	-33.4850006		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	-22.8400002		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0599999987		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0932999998		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32	tgt_CurrParamComp_Per2_CuTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32	0.0390000008	0.0390000008	✔
EstRFF_Ohm_M_f32	0.0140000004	0.0140000004	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

## Test Step 2.12 (Repeat Count = 1)

Name	Input Value		
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp		
k_CuThermCoeff_OhmpDegC_f32	0.000471000007		
k_MagThrC_VpRadpSpDegC_f32	-0.000136999995		
k_MaxKeRngLmt_VpRadpS_f32	0.0399999991		
k_MaxRRngLmt_Ohm_f32	0.0149999997		
k_MinKeRngLmt_VpRadpS_f32	0.0590000004		
k_MinRRngLmt_Ohm_f32	0.0179999992		
k_NomRfet_Ohm_f32	0.0670000017		
k_NomTemp_DegC_f32	-6.03900003		
k_SiThermCoeff_OhmpDegC_f32	0.000360000005		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	-16.4459991		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	123.32		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	-19.4850006		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0250000004		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.00499999989		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32	tgt_CurrParamComp_Per2_CuTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32	0.0590000004	0.0590000004	✔

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Name	Actual Value	Expected Value	Result
EstRFF_Ohm_M_f32	0.0149999997	0.0149999997	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

## Test Step 2.13 (Repeat Count = 1)

Name	Input Value		
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp		
k_CuThermCoeff_OhmpDegC_f32	0.000681000005		
k_MagThrC_VpRadpSpDegC_f32	0.000144999998		
k_MaxKeRngLmt_VpRadpS_f32	0.0410000011		
k_MaxRRngLmt_Ohm_f32	0.0160000008		
k_MinKeRngLmt_VpRadpS_f32	0.0599999987		
k_MinRRngLmt_Ohm_f32	0.0189999994		
k_NomRfet_Ohm_f32	0.0710000023		
k_NomTemp_DegC_f32	-2.26699996		
k_SiThermCoeff_OhmpDegC_f32	0.000679999997		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	-15.4759998		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	-25.3649998		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	-50		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.075000003		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.125650004		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32	tgt_CurrParamComp_Per2_CuTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32	0.0410000011	0.0410000011	✔
EstRFF_Ohm_M_f32	0.0160000008	0.0160000008	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

## Test Step 2.14 (Repeat Count = 1)

Name	Input Value		
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp		
k_CuThermCoeff_OhmpDegC_f32	0.000361999992		
k_MagThrC_VpRadpSpDegC_f32	0.000192000007		
k_MaxKeRngLmt_VpRadpS_f32	0.0419999994		
k_MaxRRngLmt_Ohm_f32	0.0170000009		
k_MinKeRngLmt_VpRadpS_f32	0.0610000007		
k_MinRRngLmt_Ohm_f32	0.0199999996		
k_NomRfet_Ohm_f32	0.075000003		
k_NomTemp_DegC_f32	1.505		
k_SiThermCoeff_OhmpDegC_f32	0.000360000005		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	-14.5059996		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	-20.3250008		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	150		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0250000004		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0729999989		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32	tgt_CurrParamComp_Per2_CuTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32	0.0610000007	0.0610000007	✔
EstRFF_Ohm_M_f32	0.0170000009	0.0170000009	✔

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## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

## Test Step 2.15 (Repeat Count = 1)

Name	Input Value		
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp		
k_CuThermCoeff_OhmpDegC_f32	0.00211		
k_MagThrC_VpRadpSpDegC_f32	0.000239000001		
k_MaxKeRngLmt_VpRadpS_f32	0.0430000015		
k_MaxRRngLmt_Ohm_f32	0.0179999992		
k_MinKeRngLmt_VpRadpS_f32	0.061999999		
k_MinRRngLmt_Ohm_f32	0.0209999997		
k_NomRfet_Ohm_f32	0.0790000036		
k_NomTemp_DegC_f32	5.27699995		
k_SiThermCoeff_OhmpDegC_f32	0.000939999998		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	-13.5360003		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	-15.2849998		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	0		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.075000003		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0680000037		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32	tgt_CurrParamComp_Per2_CuTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32	0.0430000015	0.0430000015	✓
EstRFF_Ohm_M_f32	0.0179999992	0.0179999992	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

## Test Step 2.16 (Repeat Count = 1)

Name	Input Value		
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp		
k_CuThermCoeff_OhmpDegC_f32	0.00156999996		
k_MagThrC_VpRadpSpDegC_f32	0.000285999995		
k_MaxKeRngLmt_VpRadpS_f32	0.0710000023		
k_MaxRRngLmt_Ohm_f32	0.0189999994		
k_MinKeRngLmt_VpRadpS_f32	0.0610000007		
k_MinRRngLmt_Ohm_f32	0.0219999999		
k_NomRfet_Ohm_f32	0.0829999968		
k_NomTemp_DegC_f32	9.04899979		
k_SiThermCoeff_OhmpDegC_f32	0.000360000005		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	-12.566		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	-10.2449999		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	-10.3559999		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0500000007		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0960000008		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32	tgt_CurrParamComp_Per2_CuTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32	0.0610000007	0.0610000007	✓
EstRFF_Ohm_M_f32	0.0189999994	0.0189999994	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

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Test Step 2.17 (Repeat Count = 1)				
Name	Input Value			
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp			
k_CuThermCoeff_OhmpDegC_f32	0.00261799991			
k_MagThrC_VpRadpSpDegC_f32	0.000333000004			
k_MaxKeRngLmt_VpRadpS_f32	0.0719999969			
k_MaxRRngLmt_Ohm_f32	0.0199999996			
k_MinKeRngLmt_VpRadpS_f32	0.0619999999			
k_MinRRngLmt_Ohm_f32	0.023			
k_NomRfet_Ohm_f32	0.0869999975			
k_NomTemp_DegC_f32	12.8210001			
k_SiThermCoeff_OhmpDegC_f32	0.00056700001			
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	-11.5959997			
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	-5.20499992			
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	123.789001			
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0299999993			
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.00499999989			
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32	tgt_CurrParamComp_Per2_CuTempEst_DegC_f32			
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_DegC_f32			
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_DegC_f32			
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam			
Name	Actual Value	Expected Value	Result	
EstKeFF_VpRadpS_M_f32	0.0619999999	0.0619999999	✓	
EstRFF_Ohm_M_f32	0.0199999996	0.0199999996	✓	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

Test Step 2.18 (Repeat Count = 1)				
Name	Input Value			
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp			
k_CuThermCoeff_OhmpDegC_f32	0.00345199998			
k_MagThrC_VpRadpSpDegC_f32	0.000144999998			
k_MaxKeRngLmt_VpRadpS_f32	0.0729999989			
k_MaxRRngLmt_Ohm_f32	0.00899999961			
k_MinKeRngLmt_VpRadpS_f32	0.063000001			
k_MinRRngLmt_Ohm_f32	0.0240000002			
k_NomRfet_Ohm_f32	0.023			
k_NomTemp_DegC_f32	-40			
k_SiThermCoeff_OhmpDegC_f32	0.00300000003			
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	-10.6260004			
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	-0.165000007			
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	-22.8400002			
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0399999991			
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.125650004			
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32	tgt_CurrParamComp_Per2_CuTempEst_DegC_f32			
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_DegC_f32			
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_DegC_f32			
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam			
Name	Actual Value	Expected Value	Result	
EstKeFF_VpRadpS_M_f32	0.063000001	0.063000001	✓	
EstRFF_Ohm_M_f32	0.00899999961	0.00899999961	✓	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

Test Step 2.19 (Repeat Count = 1)				
Name	Input Value			
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp			
k_CuThermCoeff_OhmpDegC_f32	0.00078110001			
k_MagThrC_VpRadpSpDegC_f32	0.000192000007			



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Name	Input Value		
k_MaxKeRngLmt_VpRadpS_f32	0.074000001		
k_MaxRRngLmt_Ohm_f32	0.00999999978		
k_MinKeRngLmt_VpRadpS_f32	0.064000003		
k_MinRRngLmt_Ohm_f32	0.025000004		
k_NomRfet_Ohm_f32	0.0240000002		
k_NomTemp_DegC_f32	150		
k_SiThermCoeff_OhmpDegC_f32	0.00200000009		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	-9.65600014		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	4.875		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	-19.4850006		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0599999987		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.093299998		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32	tgt_CurrParamComp_Per2_CuTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32	0.064000003	0.064000003	✔
EstRFF_Ohm_M_f32	0.00999999978	0.00999999978	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

Test Step 2.20 (Repeat Count = 1)				
Name		Input Value		
Rte_Inst_Ap_CurrParamComp		tgt_Rte_Inst_Ap_CurrParamComp		
k_CuThermCoeff_OhmpDegC_f32		0.000671099988		
k_MagThrC_VpRadpSpDegC_f32		0.000239000001		
k_MaxKeRngLmt_VpRadpS_f32		0.0540000014		
k_MaxRRngLmt_Ohm_f32		0.0109999999		
k_MinKeRngLmt_VpRadpS_f32		0.0649999976		
k_MinRRngLmt_Ohm_f32		0.0260000005		
k_NomRfet_Ohm_f32		0.0250000004		
k_NomTemp_DegC_f32		0		
k_SiThermCoeff_OhmpDegC_f32		0.00100000005		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value		-8.68599987		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value		9.91499996		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value		-16.1299992		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32		0.0250000004		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32		0.00499999989		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32		tgt_CurrParamComp_Per2_CuTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32		tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32		tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam		tgt_Pim_EOLNomMtrParam		
Name		Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32		0.0649999976	0.0649999976	✓
EstRFF_Ohm_M_f32		0.0109999999	0.0109999999	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

Test Step 2.21 (Repeat Count = 1)		
Name	Input Value	
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp	
k_CuThermCoeff_OhmpDegC_f32	0.000769099977	
k_MagThrC_VpRadpSpDegC_f32	0.000285999995	
k_MaxKeRngLmt_VpRadpS_f32	0.0549999997	
k_MaxRRngLmt_Ohm_f32	0.0120000001	
k_MinKeRngLmt_VpRadpS_f32	0.0659999996	
k_MinRRngLmt_Ohm_f32	0.0270000007	
k_NomRfet_Ohm_f32	0.0260000005	
k_NomTemp_DegC_f32	-10.3559999	

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Name	Input Value		
k_SiThermCoeff_OhmpDegC_f32	0.00499999989		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	-7.71600008		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	14.9549999		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	-12.7749996		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.075000003		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.125650004		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32	tgt_CurrParamComp_Per2_CuTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32	0.0549999997	0.0549999997	✔
EstRFF_Ohm_M_f32	0.0120000001	0.0120000001	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

Test Step 2.22 (Repeat Count = 1)				
Name		Input Value		
Rte_Inst_Ap_CurrParamComp		tgt_Rte_Inst_Ap_CurrParamComp		
k_CuThermCoeff_OhmpDegC_f32		0.000570999982		
k_MagThrC_VpRadpSpDegC_f32		0.000333000004		
k_MaxKeRngLmt_VpRadpS_f32		0.0560000017		
k_MaxRRngLmt_Ohm_f32		0.0130000003		
k_MinKeRngLmt_VpRadpS_f32		0.0670000017		
k_MinRRngLmt_Ohm_f32		0.0280000009		
k_NomRfet_Ohm_f32		0.0270000007		
k_NomTemp_DegC_f32		123.357002		
k_SiThermCoeff_OhmpDegC_f32		0.00079999998		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value		-6.74599981		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value		19.99500008		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value		-9.42000008		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32		0.0250000004		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32		0.0729999989		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32		tgt_CurrParamComp_Per2_CuTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32		tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32		tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam		tgt_Pim_EOLNomMtrParam		
Name		Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32		0.0670000017	0.0670000017	
EstRFF_Ohm_M_f32		0.0130000003	0.0130000003	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

Test Step 2.23 (Repeat Count = 1)	
Name	Input Value
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_CuThermCoeff_OhmpDegC_f32	0
k_MagThrC_VpRadpSpDegC_f32	-2.99999992e-005
k_MaxKeRngLmt_VpRadpS_f32	0.0260000005
k_MaxRRngLmt_Ohm_f32	0.0309999995
k_MinKeRngLmt_VpRadpS_f32	0.0289999992
k_MinRRngLmt_Ohm_f32	0.0460000001
k_NomRfet_Ohm_f32	0.0160000008
k_NomTemp_DegC_f32	25
k_SiThermCoeff_OhmpDegC_f32	0.00300000003
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	145.326508
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	110.714996
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	50.9700012
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0500000007
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0960000008

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Name	Input Value		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32	tgt_CurrParamComp_Per2_CuTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32	0.0260000005	0.0260000005	✔
EstRFF_Ohm_M_f32	0.0309999995	0.0309999995	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

## Test Step 2.24 (Repeat Count = 1)

Name	Input Value		
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp		
k_CuThermCoeff_OhmpDegC_f32	0.00097709999		
k_MagThrC_VpRadpSpDegC_f32	-0.00150000001		
k_MaxKeRngLmt_VpRadpS_f32	0.057		
k_MaxRRngLmt_Ohm_f32	0.0140000004		
k_MinKeRngLmt_VpRadpS_f32	0.0680000037		
k_MinRRngLmt_Ohm_f32	0.0289999992		
k_NomRfet_Ohm_f32	0.0280000009		
k_NomTemp_DegC_f32	-6.03900003		
k_SiThermCoeff_OhmpDegC_f32	0.000609999988		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	-5.77600002		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	25.0349998		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	-6.06500006		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.075000003		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0680000037		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32	tgt_CurrParamComp_Per2_CuTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32	0.057	0.057	✔
EstRFF_Ohm_M_f32	0.0140000004	0.0140000004	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

## Test Step 2.25 (Repeat Count = 1)

Name	Input Value		
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp		
k_CuThermCoeff_OhmpDegC_f32	0.000471000007		
k_MagThrC_VpRadpSpDegC_f32	0.00150000001		
k_MaxKeRngLmt_VpRadpS_f32	0.0579999983		
k_MaxRRngLmt_Ohm_f32	0.0149999997		
k_MinKeRngLmt_VpRadpS_f32	0.0689999983		
k_MinRRngLmt_Ohm_f32	0.0299999993		
k_NomRfet_Ohm_f32	0.0289999992		
k_NomTemp_DegC_f32	-2.26699996		
k_SiThermCoeff_OhmpDegC_f32	0.000709999993		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	-4.80600023		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	30.0750008		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	-2.71000004		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0500000007		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0960000008		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32	tgt_CurrParamComp_Per2_CuTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32	0.0689999983	0.0689999983	✔

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Name	Actual Value	Expected Value	Result
EstRFF_Ohm_M_f32	0.0149999997	0.0149999997	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

## Test Step 2.26 (Repeat Count = 1)

Name	Input Value		
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp		
k_CuThermCoeff_OhmpDegC_f32	0.000681000005		
k_MagThrC_VpRadpSpDegC_f32	0		
k_MaxKeRngLmt_VpRadpS_f32	0.0590000004		
k_MaxRRngLmt_Ohm_f32	0.0160000008		
k_MinKeRngLmt_VpRadpS_f32	0.0700000003		
k_MinRRngLmt_Ohm_f32	0.0309999995		
k_NomRfet_Ohm_f32	0.0299999993		
k_NomTemp_DegC_f32	1.505		
k_SiThermCoeff_OhmpDegC_f32	0.000579999993		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	-3.83599997		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	35.1150017		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	0.644999981		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0299999993		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.00499999989		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32	tgt_CurrParamComp_Per2_CuTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32	0.0700000003	0.0700000003	✔
EstRFF_Ohm_M_f32	0.0160000008	0.0160000008	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

## Test Step 2.27 (Repeat Count = 1)

Name	Input Value		
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp		
k_CuThermCoeff_OhmpDegC_f32	0.000361999992		
k_MagThrC_VpRadpSpDegC_f32	-0.001000000005		
k_MaxKeRngLmt_VpRadpS_f32	0.0599999987		
k_MaxRRngLmt_Ohm_f32	0.0170000009		
k_MinKeRngLmt_VpRadpS_f32	0.0710000023		
k_MinRRngLmt_Ohm_f32	0.0320000015		
k_NomRfet_Ohm_f32	0.0309999995		
k_NomTemp_DegC_f32	5.27699995		
k_SiThermCoeff_OhmpDegC_f32	0.000679999997		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	-2.86599994		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	40.1549988		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	4		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0399999991		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.125650004		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32	tgt_CurrParamComp_Per2_CuTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32	0.0710000023	0.0710000023	✔
EstRFF_Ohm_M_f32	0.0170000009	0.0170000009	✔

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## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

## Test Step 2.28 (Repeat Count = 1)

Name	Input Value		
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp		
k_CuThermCoeff_OhmpDegC_f32	0.00211		
k_MagThrC_VpRadpSpDegC_f32	0.0013		
k_MaxKeRngLmt_VpRadpS_f32	0.0610000007		
k_MaxRRngLmt_Ohm_f32	0.0179999992		
k_MinKeRngLmt_VpRadpS_f32	0.0719999969		
k_MinRRngLmt_Ohm_f32	0.0329999998		
k_NomRfet_Ohm_f32	0.0320000015		
k_NomTemp_DegC_f32	9.04899979		
k_SiThermCoeff_OhmpDegC_f32	0.000360000005		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	-1.89600003		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	45.1949997		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	7.35500002		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0599999987		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0932999998		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32	tgt_CurrParamComp_Per2_CuTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32	0.0610000007	0.0610000007	✔
EstRFF_Ohm_M_f32	0.0179999992	0.0179999992	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

## Test Step 2.29 (Repeat Count = 1)

Name	Input Value		
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp		
k_CuThermCoeff_OhmpDegC_f32	0.00156999996		
k_MagThrC_VpRadpSpDegC_f32	-0.00123000005		
k_MaxKeRngLmt_VpRadpS_f32	0.061999999		
k_MaxRRngLmt_Ohm_f32	0.0189999994		
k_MinKeRngLmt_VpRadpS_f32	0.0250000004		
k_MinRRngLmt_Ohm_f32	0.0340000018		
k_NomRfet_Ohm_f32	0.0329999998		
k_NomTemp_DegC_f32	12.8210001		
k_SiThermCoeff_OhmpDegC_f32	0.000679999997		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	-0.925999999		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	50.2350006		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	10.71		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0250000004		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.00499999989		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32	tgt_CurrParamComp_Per2_CuTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32	0.0250000004	0.0250000004	✓
EstRFF_Ohm_M_f32	0.0189999994	0.0189999994	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

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Test Step 2.30 (Repeat Count = 1)				
Name	Input Value			
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp			
k_CuThermCoeff_OhmpDegC_f32	0.00261799991			
k_MagThrC_VpRadpSpDegC_f32	-0.00112999999			
k_MaxKeRngLmt_VpRadpS_f32	0.063000001			
k_MaxRRngLmt_Ohm_f32	0.0199999996			
k_MinKeRngLmt_VpRadpS_f32	0.075000003			
k_MinRRngLmt_Ohm_f32	0.0350000001			
k_NomRfet_Ohm_f32	0.0340000018			
k_NomTemp_DegC_f32	16.5930004			
k_SiThermCoeff_OhmpDegC_f32	0.000360000005			
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	112.3265			
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	55.2750015			
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	14.0649996			
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.075000003			
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.125650004			
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32	tgt_CurrParamComp_Per2_CuTempEst_DegC_f32			
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_DegC_f32			
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_DegC_f32			
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam			
Name	Actual Value	Expected Value	Result	
EstKeFF_VpRadpS_M_f32	0.063000001	0.063000001	✓	
EstRFF_Ohm_M_f32	0.0199999996	0.0199999996	✓	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

Test Step 2.31 (Repeat Count = 1)				
Name	Input Value			
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp			
k_CuThermCoeff_OhmpDegC_f32	0.00345199998			
k_MagThrC_VpRadpSpDegC_f32	-0.00103000004			
k_MaxKeRngLmt_VpRadpS_f32	0.064000003			
k_MaxRRngLmt_Ohm_f32	0.0209999997			
k_MinKeRngLmt_VpRadpS_f32	0.0260000005			
k_MinRRngLmt_Ohm_f32	0.0359999985			
k_NomRfet_Ohm_f32	0.0350000001			
k_NomTemp_DegC_f32	20.3649998			
k_SiThermCoeff_OhmpDegC_f32	0.000939999998			
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	300			
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	60.3149986			
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	17.4200001			
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0250000004			
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0729999989			
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32	tgt_CurrParamComp_Per2_CuTempEst_DegC_f32			
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_DegC_f32			
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_DegC_f32			
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam			
Name	Actual Value	Expected Value	Result	
EstKeFF_VpRadpS_M_f32	0.0260000005	0.0260000005	✓	
EstRFF_Ohm_M_f32	0.0209999997	0.0209999997	✓	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

Test Step 2.32 (Repeat Count = 1)				
Name	Input Value			
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp			
k_CuThermCoeff_OhmpDegC_f32	0.00078110001			
k_MagThrC_VpRadpSpDegC_f32	-0.00092999998			

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Name	Input Value		
k_MaxKeRngLmt_VpRadpS_f32	0.0250000004		
k_MaxRRngLmt_Ohm_f32	0.0219999999		
k_MinKeRngLmt_VpRadpS_f32	0.0280000009		
k_MinRRngLmt_Ohm_f32	0.0370000005		
k_NomRfet_Ohm_f32	0.0359999985		
k_NomTemp_DegC_f32	24.1369991		
k_SiThermCoeff_OhmpDegC_f32	0.000360000005		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	118.3265		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	200		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	20.7749996		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.075000003		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0680000037		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32	tgt_CurrParamComp_Per2_CuTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32	0.0250000004	0.0250000004	✔
EstRFF_Ohm_M_f32	0.0219999999	0.0219999999	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

Test Step 2.33 (Repeat Count = 1)				✓
Name		Input Value		
Rte_Inst_Ap_CurrParamComp		tgt_Rte_Inst_Ap_CurrParamComp		
k_CuThermCoeff_OhmpDegC_f32		0.000671099988		
k_MagThrC_VpRadpSpDegC_f32		-0.000829999975		
k_MaxKeRngLmt_VpRadpS_f32		0.075000003		
k_MaxRRngLmt_Ohm_f32		0.023		
k_MinKeRngLmt_VpRadpS_f32		0.0289999992		
k_MinRRngLmt_Ohm_f32		0.0379999988		
k_NomRfet_Ohm_f32		0.0179999992		
k_NomTemp_DegC_f32		27.9090004		
k_SiThermCoeff_OhmpDegC_f32		0.00056700001		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value		121.3265		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value		70.3949966		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value		24.1299992		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32		0.0500000007		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32		0.0960000008		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32		tgt_CurrParamComp_Per2_CuTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32		tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32		tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam		tgt_Pim_EOLNomMtrParam		
Name		Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32		0.048236832	0.048236832	✓
EstRFF_Ohm_M_f32		0.023	0.023	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

Test Step 2.34 (Repeat Count = 1)		
Name	Input Value	
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp	
k_CuThermCoeff_OhmpDegC_f32	0.000769099977	
k_MagThrC_VpRadpSpDegC_f32	-0.000730000029	
k_MaxKeRngLmt_VpRadpS_f32	0.0599999987	
k_MaxRRngLmt_Ohm_f32	0.0240000002	
k_MinKeRngLmt_VpRadpS_f32	0.0299999993	
k_MinRRngLmt_Ohm_f32	0.0390000008	
k_NomRfet_Ohm_f32	0.0189999994	
k_NomTemp_DegC_f32	31.6809998	

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Name	Input Value		
k_SiThermCoeff_OhmpDegC_f32	0.000679999997		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	124.3265		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	75.4349976		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	27.4850006		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0299999993		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.00499999989		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32	tgt_CurrParamComp_Per2_CuTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32	0.0299999993	0.0299999993	✔
EstRFF_Ohm_M_f32	0.0240000002	0.0240000002	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

Test Step 2.35 (Repeat Count = 1)				
Name		Input Value		
Rte_Inst_Ap_CurrParamComp		tgt_Rte_Inst_Ap_CurrParamComp		
k_CuThermCoeff_OhmpDegC_f32		0.000361999992		
k_MagThrC_VpRadpSpDegC_f32		-0.000630000024		
k_MaxKeRngLmt_VpRadpS_f32		0.0719999969		
k_MaxRRngLmt_Ohm_f32		0.0289999992		
k_MinKeRngLmt_VpRadpS_f32		0.0270000007		
k_MinRRngLmt_Ohm_f32		0.0439999998		
k_NomRfet_Ohm_f32		0		
k_NomTemp_DegC_f32		35.4529991		
k_SiThermCoeff_OhmpDegC_f32		0.00600000005		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value		127.3265		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value		80.4749985		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value		30.8400002		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32		0.0250000004		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32		0.0729999989		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32		tgt_CurrParamComp_Per2_CuTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32		tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32		tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam		tgt_Pim_EOLNomMtrParam		
Name		Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32		0.0270000007	0.0270000007	✓
EstRFF_Ohm_M_f32		0.0289999992	0.0289999992	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

Test Step 2.36 (Repeat Count = 1)		
Name	Input Value	
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp	
k_CuThermCoeff_OhmpDegC_f32	0.00097709999	
k_MagThrC_VpRadpSpDegC_f32	-0.000530000019	
k_MaxKeRngLmt_VpRadpS_f32	0.0689999983	
k_MaxRRngLmt_Ohm_f32	0.0260000005	
k_MinKeRngLmt_VpRadpS_f32	0.0320000015	
k_MinRRngLmt_Ohm_f32	0.0410000011	
k_NomRfet_Ohm_f32	0.125650004	
k_NomTemp_DegC_f32	39.2249985	
k_SiThermCoeff_OhmpDegC_f32	0.000319999992	
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	130.326508	
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	85.5149994	
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	34.1949997	
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0599999987	
tot_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0932999998	



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Name	Input Value		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32	tgt_CurrParamComp_Per2_CuTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32	0.0585279763	0.0585279763	✔
EstRFF_Ohm_M_f32	0.0260000005	0.0260000005	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

## Test Step 2.37 (Repeat Count = 1)

Name	Input Value		
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp		
k_CuThermCoeff_OhmpDegC_f32	0.000471000007		
k_MagThrC_VpRadpSpDegC_f32	-0.000429999985		
k_MaxKeRngLmt_VpRadpS_f32	0.0700000003		
k_MaxRRngLmt_Ohm_f32	0.0270000007		
k_MinKeRngLmt_VpRadpS_f32	0.0329999998		
k_MinRRngLmt_Ohm_f32	0.0419999994		
k_NomRfet_Ohm_f32	0.00625000009		
k_NomTemp_DegC_f32	42.9970016		
k_SiThermCoeff_OhmpDegC_f32	0.000579999993		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	133.326508		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	90.5550003		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	37.5499992		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0250000004		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.00499999989		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32	tgt_CurrParamComp_Per2_CuTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32	0.0329999998	0.0329999998	✔
EstRFF_Ohm_M_f32	0.0419999994	0.0419999994	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

## Test Step 2.38 (Repeat Count = 1)

Name	Input Value		
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp		
k_CuThermCoeff_OhmpDegC_f32	0.000681000005		
k_MagThrC_VpRadpSpDegC_f32	-0.00033000001		
k_MaxKeRngLmt_VpRadpS_f32	0.0710000023		
k_MaxRRngLmt_Ohm_f32	0.0280000009		
k_MinKeRngLmt_VpRadpS_f32	0.0260000005		
k_MinRRngLmt_Ohm_f32	0.0430000015		
k_NomRfet_Ohm_f32	0.0130000003		
k_NomTemp_DegC_f32	46.769001		
k_SiThermCoeff_OhmpDegC_f32	0		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	136.326508		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	95.5950012		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	40.9049988		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.075000003		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.125650004		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32	tgt_CurrParamComp_Per2_CuTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32	0.0710000023	0.0710000023	✔

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Name	Actual Value	Expected Value	Result
EstRFF_Ohm_M_f32	0.0280000009	0.0280000009	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

Test Step 2.39 (Repeat Count = 1)				
Name		Input Value		
Rte_Inst_Ap_CurrParamComp		tgt_Rte_Inst_Ap_CurrParamComp		
k_CuThermCoeff_OhmpDegC_f32		0.000361999992		
k_MagThrC_VpRadpSpDegC_f32		-0.000230000005		
k_MaxKeRngLmt_VpRadpS_f32		0.0719999969		
k_MaxRRngLmt_Ohm_f32		0.0289999992		
k_MinKeRngLmt_VpRadpS_f32		0.0270000007		
k_MinRRngLmt_Ohm_f32		0.0439999998		
k_NomRfet_Ohm_f32		0.0140000004		
k_NomTemp_DegC_f32		50.5410004		
k_SiThermCoeff_OhmpDegC_f32		0.00600000005		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value		139.326508		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value		100.635002		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value		44.2599983		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32		0.0250000004		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32		0.0729999989		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32		tgt_CurrParamComp_Per2_CuTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32		tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32		tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam		tgt_Pim_EOLNomMtrParam		
Name		Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32		0.0270000007	0.0270000007	✓
EstRFF_Ohm_M_f32		0.0289999992	0.0289999992	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

Test Step 2.40 (Repeat Count = 1)				
Name		Input Value		
Rte_Inst_Ap_CurrParamComp		tgt_Rte_Inst_Ap_CurrParamComp		
k_CuThermCoeff_OhmpDegC_f32		0.00261799991		
k_MagThrC_VpRadpSpDegC_f32		-0.00013		
k_MaxKeRngLmt_VpRadpS_f32		0.0729999989		
k_MaxRRngLmt_Ohm_f32		0.0299999993		
k_MinKeRngLmt_VpRadpS_f32		0.0280000009		
k_MinRRngLmt_Ohm_f32		0.0450000018		
k_NomRfet_Ohm_f32		0.0149999997		
k_NomTemp_DegC_f32		54.3129997		
k_SiThermCoeff_OhmpDegC_f32		0.00499999989		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value		142.326508		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value		105.675003		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value		47.6150017		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32		0.0750000003		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32		0.0680000037		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32		tgt_CurrParamComp_Per2_CuTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32		tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32		tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam		tgt_Pim_EOLNomMtrParam		
Name		Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32		0.0729999989	0.0729999989	✓
EstRFF_Ohm_M_f32		0.0299999993	0.0299999993	✓

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## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

## Test Step 2.41 (Repeat Count = 1)

Name	Input Value		
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp		
k_CuThermCoeff_OhmpDegC_f32	0		
k_MagThrC_VpRadpSpDegC_f32	-2.99999992e-005		
k_MaxKeRngLmt_VpRadpS_f32	0.0260000005		
k_MaxRRngLmt_Ohm_f32	0.0309999995		
k_MinKeRngLmt_VpRadpS_f32	0.0289999992		
k_MinRRngLmt_Ohm_f32	0.0460000001		
k_NomRfet_Ohm_f32	0.0160000008		
k_NomTemp_DegC_f32	58.0849991		
k_SiThermCoeff_OhmpDegC_f32	0.00300000003		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	145.326508		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	110.714996		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	50.9700012		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0500000007		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0960000008		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32	tgt_CurrParamComp_Per2_CuTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32	0.0260000005	0.0260000005	✔
EstRFF_Ohm_M_f32	0.0309999995	0.0309999995	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

## Test Step 2.42 (Repeat Count = 1)

Name	Input Value		
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp		
k_CuThermCoeff_OhmpDegC_f32	0.00449999981		
k_MagThrC_VpRadpSpDegC_f32	7.00000019e-005		
k_MaxKeRngLmt_VpRadpS_f32	0.0270000007		
k_MaxRRngLmt_Ohm_f32	0.0320000015		
k_MinKeRngLmt_VpRadpS_f32	0.0299999993		
k_MinRRngLmt_Ohm_f32	0.0469999984		
k_NomRfet_Ohm_f32	0.0170000009		
k_NomTemp_DegC_f32	61.8569984		
k_SiThermCoeff_OhmpDegC_f32	0.00200000009		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	148.326508		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	115.754997		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	54.3250008		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0299999993		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.00499999989		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32	tgt_CurrParamComp_Per2_CuTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32	0.0270000007	0.0270000007	✓
EstRFF_Ohm_M_f32	0.0469999984	0.0469999984	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

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Test Step 2.43 (Repeat Count = 1)				
Name	Input Value			
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp			
k_CuThermCoeff_OhmpDegC_f32	0.00393000012			
k_MagThrC_VpRadpSpDegC_f32	-0.000500000024			
k_MaxKeRngLmt_VpRadpS_f32	0.0280000009			
k_MaxRRngLmt_Ohm_f32	0.0329999998			
k_MinKeRngLmt_VpRadpS_f32	0.0309999995			
k_MinRRngLmt_Ohm_f32	0.0480000004			
k_NomRfet_Ohm_f32	0.0179999992			
k_NomTemp_DegC_f32	65.6289978			
k_SiThermCoeff_OhmpDegC_f32	0.00100000005			
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	12.6540003			
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	120.794998			
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	57.6800003			
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0399999991			
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.125650004			
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32	tgt_CurrParamComp_Per2_CuTempEst_DegC_f32			
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_DegC_f32			
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_DegC_f32			
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam			
Name	Actual Value	Expected Value	Result	
EstKeFF_VpRadpS_M_f32	0.0280000009	0.0280000009	✓	
EstRFF_Ohm_M_f32	0.0329999998	0.0329999998	✓	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

Test Step 2.44 (Repeat Count = 1)				
Name	Input Value			
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp			
k_CuThermCoeff_OhmpDegC_f32	0.00211			
k_MagThrC_VpRadpSpDegC_f32	0.000500000024			
k_MaxKeRngLmt_VpRadpS_f32	0.0289999992			
k_MaxRRngLmt_Ohm_f32	0.0340000018			
k_MinKeRngLmt_VpRadpS_f32	0.0320000015			
k_MinRRngLmt_Ohm_f32	0.00499999989			
k_NomRfet_Ohm_f32	0.0189999994			
k_NomTemp_DegC_f32	69.401001			
k_SiThermCoeff_OhmpDegC_f32	0.00499999989			
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	13.6239996			
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	125.834999			
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	61.0349998			
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0599999987			
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0932999998			
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32	tgt_CurrParamComp_Per2_CuTempEst_DegC_f32			
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_DegC_f32			
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_DegC_f32			
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam			
Name	Actual Value	Expected Value	Result	
EstKeFF_VpRadpS_M_f32	0.0289999992	0.0289999992	✓	
EstRFF_Ohm_M_f32	0.0340000018	0.0340000018	✓	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

Test Step 2.45 (Repeat Count = 1)				
Name	Input Value			
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp			
k_CuThermCoeff_OhmpDegC_f32	0.00156999996			
k_MagThrC_VpRadpSpDegC_f32	-0.00039999999			

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Name	Input Value		
k_MaxKeRngLmt_VpRadpS_f32	0.0299999993		
k_MaxRRngLmt_Ohm_f32	0.0350000001		
k_MinKeRngLmt_VpRadpS_f32	0.0329999998		
k_MinRRngLmt_Ohm_f32	0.125650004		
k_NomRfet_Ohm_f32	0.0199999996		
k_NomTemp_DegC_f32	73.1729965		
k_SiThermCoeff_OhmpDegC_f32	0.00079999998		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	14.5939999		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	130.875		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	64.3899994		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0250000004		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.00499999989		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32	tgt_CurrParamComp_Per2_CuTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32	0.0329999998	0.0329999998	✔
EstRFF_Ohm_M_f32	0.125650004	0.125650004	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

Test Step 2.46 (Repeat Count = 1)				
Name		Input Value		
Rte_Inst_Ap_CurrParamComp		tgt_Rte_Inst_Ap_CurrParamComp		
k_CuThermCoeff_OhmpDegC_f32		0.00261799991		
k_MagThrC_VpRadpSpDegC_f32		0.00039999999		
k_MaxKeRngLmt_VpRadpS_f32		0.0309999995		
k_MaxRRngLmt_Ohm_f32		0.0359999985		
k_MinKeRngLmt_VpRadpS_f32		0.0340000018		
k_MinRRngLmt_Ohm_f32		0.00999999978		
k_NomRfet_Ohm_f32		0.0209999997		
k_NomTemp_DegC_f32		76.9449997		
k_SiThermCoeff_OhmpDegC_f32		0.000609999988		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value		15.5640001		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value		135.914993		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value		67.7450027		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32		0.0750000003		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32		0.125650004		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32		tgt_CurrParamComp_Per2_CuTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32		tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32		tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam		tgt_Pim_EOLNomMtrParam		
Name		Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32		0.0309999995	0.0309999995	✓
EstRFF_Ohm_M_f32		0.0359999985	0.0359999985	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

Test Step 2.47 (Repeat Count = 1)		
Name	Input Value	
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp	
k_CuThermCoeff_OhmpDegC_f32	0.00345199998	
k_MagThrC_VpRadpSpDegC_f32	-0.0003000000014	
k_MaxKeRngLmt_VpRadpS_f32	0.03200000015	
k_MaxRRngLmt_Ohm_f32	0.00499999989	
k_MinKeRngLmt_VpRadpS_f32	0.03500000001	
k_MinRRngLmt_Ohm_f32	0.03099999995	
k_NomRfet_Ohm_f32	0.02199999999	
k_NomTemp_DegC_f32	80.7170029	

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Name	Input Value		
k_SiThermCoeff_OhmpDegC_f32	0.000709999993		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	16.5340004		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	140.955002		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	71.0999985		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.075000003		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0729999989		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32	tgt_CurrParamComp_Per2_CuTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32	0.0320000015	0.0320000015	✔
EstRFF_Ohm_M_f32	0.00499999989	0.00499999989	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

Test Step 2.48 (Repeat Count = 1)				
Name		Input Value		
Rte_Inst_Ap_CurrParamComp		tgt_Rte_Inst_Ap_CurrParamComp		
k_CuThermCoeff_OhmpDegC_f32		0		
k_MagThrC_VpRadpSpDegC_f32		0.000300000014		
k_MaxKeRngLmt_VpRadpS_f32		0.0329999998		
k_MaxRRngLmt_Ohm_f32		0.125650004		
k_MinKeRngLmt_VpRadpS_f32		0.0359999985		
k_MinRRngLmt_Ohm_f32		0.0350000001		
k_NomRfet_Ohm_f32		0		
k_NomTemp_DegC_f32		84.4889984		
k_SiThermCoeff_OhmpDegC_f32		0.000579999993		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value		17.5039997		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value		145.994995		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value		74.4550018		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32		0.0500000007		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32		0.0680000037		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32		tgt_CurrParamComp_Per2_CuTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32		tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32		tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam		tgt_Pim_EOLNomMtrParam		
Name		Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32		0.0329999998	0.0329999998	
EstRFF_Ohm_M_f32		0.0680000037	0.0680000037	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

Test Step 2.49 (Repeat Count = 1)		
Name	Input Value	
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp	
k_CuThermCoeff_OhmpDegC_f32	0.000671099988	
k_MagThrC_VpRadpSpDegC_f32	-0.000199999995	
k_MaxKeRngLmt_VpRadpS_f32	0.0340000018	
k_MaxRRngLmt_Ohm_f32	0.0599999987	
k_MinKeRngLmt_VpRadpS_f32	0.0370000005	
k_MinRRngLmt_Ohm_f32	0.0390000008	
k_NomRfet_Ohm_f32	0.0189999994	
k_NomTemp_DegC_f32	88.2610016	
k_SiThermCoeff_OhmpDegC_f32	0.000679999997	
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	18.4740009	
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	-49.3250008	
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	77.8099976	
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0299999993	
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0960000008	

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Name	Input Value		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32	tgt_CurrParamComp_Per2_CuTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32	0.0370000005	0.0370000005	✔
EstRFF_Ohm_M_f32	0.0599999987	0.0599999987	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

## Test Step 2.50 (Repeat Count = 1)

Name	Input Value		
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp		
k_CuThermCoeff_OhmpDegC_f32	0.000769099977		
k_MagThrC_VpRadpSpDegC_f32	0.000199999995		
k_MaxKeRngLmt_VpRadpS_f32	0.0350000001		
k_MaxRRngLmt_Ohm_f32	0.0309999995		
k_MinKeRngLmt_VpRadpS_f32	0.0379999988		
k_MinRRngLmt_Ohm_f32	0.0430000015		
k_NomRfet_Ohm_f32	0.0199999996		
k_NomTemp_DegC_f32	92.0329971		
k_SiThermCoeff_OhmpDegC_f32	0.000360000005		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	19.4440002		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	-41.3580017		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	81.1650009		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0250000004		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.00499999989		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32	tgt_CurrParamComp_Per2_CuTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32	0.0379999988	0.0379999988	✔
EstRFF_Ohm_M_f32	0.0430000015	0.0430000015	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

## Test Step 2.51 (Repeat Count = 1)

Name	Input Value		
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp		
k_CuThermCoeff_OhmpDegC_f32	0.000570999982		
k_MagThrC_VpRadpSpDegC_f32	-0.001000000005		
k_MaxKeRngLmt_VpRadpS_f32	0.0359999985		
k_MaxRRngLmt_Ohm_f32	0.0350000001		
k_MinKeRngLmt_VpRadpS_f32	0.0390000008		
k_MinRRngLmt_Ohm_f32	0.0469999984		
k_NomRfet_Ohm_f32	0.00899999961		
k_NomTemp_DegC_f32	95.8050003		
k_SiThermCoeff_OhmpDegC_f32	0.000679999997		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	20.4139996		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	-33.3909988		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	84.5199966		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.075000003		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.125650004		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32	tgt_CurrParamComp_Per2_CuTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32	0.0359999985	0.0359999985	✔

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Name	Actual Value	Expected Value	Result
EstRFF_Ohm_M_f32	0.0350000001	0.0350000001	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

## Test Step 2.52 (Repeat Count = 1)

Name	Input Value		
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp		
k_CuThermCoeff_OhmpDegC_f32	0.00097709999		
k_MagThrC_VpRadpSpDegC_f32	0.00100000005		
k_MaxKeRngLmt_VpRadpS_f32	0.0370000005		
k_MaxRRngLmt_Ohm_f32	0.0390000008		
k_MinKeRngLmt_VpRadpS_f32	0.0399999991		
k_MinRRngLmt_Ohm_f32	0.050999999		
k_NomRfet_Ohm_f32	0.00999999978		
k_NomTemp_DegC_f32	99.5770035		
k_SiThermCoeff_OhmpDegC_f32	0.000360000005		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	21.3840008		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	-25.4239998		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	87.875		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0560000017		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0932999998		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32	tgt_CurrParamComp_Per2_CuTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32	0.0370000005	0.0370000005	✔
EstRFF_Ohm_M_f32	0.0390000008	0.0390000008	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

## Test Step 2.53 (Repeat Count = 1)

Name	Input Value		
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp		
k_CuThermCoeff_OhmpDegC_f32	0.000471000007		
k_MagThrC_VpRadpSpDegC_f32	-0.00120000006		
k_MaxKeRngLmt_VpRadpS_f32	0.0379999988		
k_MaxRRngLmt_Ohm_f32	0.0430000015		
k_MinKeRngLmt_VpRadpS_f32	0.0410000011		
k_MinRRngLmt_Ohm_f32	0.0549999997		
k_NomRfet_Ohm_f32	0.0109999999		
k_NomTemp_DegC_f32	103.348999		
k_SiThermCoeff_OhmpDegC_f32	0.000939999998		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	22.3540001		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	-17.4570007		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	91.2300034		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.075000003		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.00499999989		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32	tgt_CurrParamComp_Per2_CuTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32	0.0379999988	0.0379999988	✓
EstRFF_Ohm_M_f32	0.0549999997	0.0549999997	✓



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## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

## Test Step 2.54 (Repeat Count = 1)

Name	Input Value		
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp		
k_CuThermCoeff_OhmpDegC_f32	0.000681000005		
k_MagThrC_VpRadpSpDegC_f32	0.00120000006		
k_MaxKeRngLmt_VpRadpS_f32	0.03900000008		
k_MaxRRngLmt_Ohm_f32	0.04699999984		
k_MinKeRngLmt_VpRadpS_f32	0.04199999994		
k_MinRRngLmt_Ohm_f32	0.05900000004		
k_NomRfet_Ohm_f32	0.01200000001		
k_NomTemp_DegC_f32	107.121002		
k_SiThermCoeff_OhmpDegC_f32	0.000360000005		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	23.3239994		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	-9.48999977		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	94.5849991		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.05000000007		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.125650004		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32	tgt_CurrParamComp_Per2_CuTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32	0.03900000008	0.03900000008	✔
EstRFF_Ohm_M_f32	0.04699999984	0.04699999984	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓

## Test Step 2.55 (Repeat Count = 1)

Name	Input Value		
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp		
k_CuThermCoeff_OhmpDegC_f32	0.000361999992		
k_MagThrC_VpRadpSpDegC_f32	0.000500000024		
k_MaxKeRngLmt_VpRadpS_f32	0.03999999991		
k_MaxRRngLmt_Ohm_f32	0.050999999		
k_MinKeRngLmt_VpRadpS_f32	0.0430000015		
k_MinRRngLmt_Ohm_f32	0.063000001		
k_NomRfet_Ohm_f32	0.00999999978		
k_NomTemp_DegC_f32	110.892998		
k_SiThermCoeff_OhmpDegC_f32	0.00056700001		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	24.2940006		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	-1.523		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	97.9400024		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.02999999993		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0781999975		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32	tgt_CurrParamComp_Per2_CuTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32	0.0430000015	0.0430000015	✓
EstRFF_Ohm_M_f32	0.050999999	0.050999999	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	✓
Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP1_CheckpointReached	1	✓



# TEST DETAILS REPORT

2016-01-18, 15:40:33+0530

SCom\_EOLNomMtrParam\_Set



Project	MtrCtrl
Module	CurrParamComp
Test Object	SCom_EOLNomMtrParam_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\MtrCtrl_CM
Configuration File	D:\Synergy_Work_Area\MtrCtrl_CM\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)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS=-D_inline=-Dconst=-I\$(PROJECTROOT)\MtrCtrl_CM\utp\contract -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\MtrCtrl_CM\utp\contract\Ap_CurrParamComp -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\MtrCtrl_CM\include -I\$(Compiler Install Path)\include
File	\$(PROJECTROOT)\MtrCtrl_CM\src\Ap_CurrParamComp.c
Compiler Options	-D_DATA_ACCESS=-D_inline=-Dconst=-I\$(PROJECTROOT)\MtrCtrl_CM\utp\contract -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\MtrCtrl_CM\utp\contract\Ap_CurrParamComp -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\MtrCtrl_CM\include -I\$(Compiler Install Path)\include

## Comments/Description/Specification

Name	Text
Module 'CurrParamComp'	*****Unit Test Information*****  Name of Tester:Priti Mangalekar Code File(s) Under Test:Ap_CurrParamComp.c Code File(s) Version:11 Module Design Document:CurrParamComp_MDD.docx Module Design Document Version:6 Data Dictionary Version:13 Unit Test Plan Version:4 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):1766 Total RAM Used (Bytes):52 Total CALS Used (Bytes):2840 Special Test Requirements: Test Date:01/15/2016 Comments:"Note 1: Inline functions declared in Globalmacro.h are not Unit Tested. NOTE2:"CBD_Sandbox_dbg.map" map file is embedded for reference. " *****

## 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 3.2
Time Unit	Cycles
Timer Enabled	false

# TEST DETAILS REPORT

2016-01-18, 15:40:33+0530

SCom\_EOLNomMtrParam\_Set



Attributes	
Name	Value
Timer Prescale	0
Timer Resolution	1
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\MtrCtrl_CM\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

# TEST DETAILS REPORT

2016-01-18, 15:40:33+0530

SCom\_EOLNomMtrParam\_Set



## Test Case 1: Boundary Test

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

CPU Cycles:

TS1.1 251.00 Cycles  
TS1.2 252.00 Cycles  
TS1.3 252.00 Cycles  
TS1.4 252.00 Cycles  
TS1.5 252.00 Cycles  
TS1.6 252.00 Cycles  
TS1.7 252.00 Cycles  
TS1.8 252.00 Cycles

**Description** Vector Description

TS1.1 NomKe\_VpRadpS\_f32 min  
TS1.2 NomKe\_VpRadpS\_f32 max  
TS1.3 NomKe\_VpRadpS\_f32 pos  
TS1.4 NomRmtr\_Ohm\_f32 min  
TS1.5 NomRmtr\_Ohm\_f32 max  
TS1.6 NomRmtr\_Ohm\_f32 pos  
TS1.7 All min  
TS1.8 All max

### Test Step 1.1 (Repeat Count = 1)

Name	Input Value		
NomKe_VpRadpS_f32	0.0250000004		
NomRmtr_Ohm_f32	0.0729999989		
Rte_Inst_Ap_CurrParamComp	target_Rte_Inst_Ap_CurrParamComp		
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	target_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0250000004	0.0250000004	✓
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0729999989	0.0729999989	✓

### Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CurrParamComp_EOLNomMtrParamBlk_WriteBlock	1	Rte_Call_Ap_CurrParamComp_EOLNomMtrParamBlk_WriteBlock	1	✓

### Test Step 1.2 (Repeat Count = 1)

Name	Input Value		
NomKe_VpRadpS_f32	0.075000003		
NomRmtr_Ohm_f32	0.0680000037		
Rte_Inst_Ap_CurrParamComp	target_Rte_Inst_Ap_CurrParamComp		
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	target_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.075000003	0.075000003	✓
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0680000037	0.0680000037	✓

### Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CurrParamComp_EOLNomMtrParamBlk_WriteBlock	1	Rte_Call_Ap_CurrParamComp_EOLNomMtrParamBlk_WriteBlock	1	✓

### Test Step 1.3 (Repeat Count = 1)

Name	Input Value		
NomKe_VpRadpS_f32	0.0500000007		
NomRmtr_Ohm_f32	0.0960000008		
Rte_Inst_Ap_CurrParamComp	target_Rte_Inst_Ap_CurrParamComp		
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	target_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0500000007	0.0500000007	✓
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0960000008	0.0960000008	✓

### Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CurrParamComp_EOLNomMtrParamBlk_WriteBlock	1	Rte_Call_Ap_CurrParamComp_EOLNomMtrParamBlk_WriteBlock	1	✓

# TEST DETAILS REPORT

2016-01-18, 15:40:33+0530

SCom\_EOLNomMtrParam\_Set



Test Step 1.4 (Repeat Count = 1)				
Name		Input Value		
NomKe_VpRadpS_f32		0.0299999993		
NomRmtr_Ohm_f32		0.00499999989		
Rte_Inst_Ap_CurrParamComp		target_Rte_Inst_Ap_CurrParamComp		
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam		target_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result	
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0299999993	0.0299999993	✓	
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.00499999989	0.00499999989	✓	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CurrParamComp_EOLNomMtrParamBlk_WriteBlock	1	Rte_Call_Ap_CurrParamComp_EOLNomMtrParamBlk_WriteBlock	1	✓

Test Step 1.5 (Repeat Count = 1)				
Name		Input Value		
NomKe_VpRadpS_f32		0.0399999991		
NomRmtr_Ohm_f32		0.125650004		
Rte_Inst_Ap_CurrParamComp		target_Rte_Inst_Ap_CurrParamComp		
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam		target_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result	
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0399999991	0.0399999991	✓	
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.125650004	0.125650004	✓	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CurrParamComp_EOLNomMtrParamBlk_WriteBlock	1	Rte_Call_Ap_CurrParamComp_EOLNomMtrParamBlk_WriteBlock	1	✓

Test Step 1.6 (Repeat Count = 1)				
Name		Input Value		
NomKe_VpRadpS_f32		0.0599999987		
NomRmtr_Ohm_f32		0.0932999998		
Rte_Inst_Ap_CurrParamComp		target_Rte_Inst_Ap_CurrParamComp		
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam		target_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result	
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0599999987	0.0599999987	✓	
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0932999998	0.0932999998	✓	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CurrParamComp_EOLNomMtrParamBlk_WriteBlock	1	Rte_Call_Ap_CurrParamComp_EOLNomMtrParamBlk_WriteBlock	1	✓

Test Step 1.7 (Repeat Count = 1)				
Name		Input Value		
NomKe_VpRadpS_f32		0.0250000004		
NomRmtr_Ohm_f32		0.00499999989		
Rte_Inst_Ap_CurrParamComp		target_Rte_Inst_Ap_CurrParamComp		
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam		target_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result	
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0250000004	0.0250000004	✓	
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.00499999989	0.00499999989	✓	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CurrParamComp_EOLNomMtrParamBlk_WriteBlock	1	Rte_Call_Ap_CurrParamComp_EOLNomMtrParamBlk_WriteBlock	1	✓

Test Step 1.8 (Repeat Count = 1)				
Name		Input Value		
NomKe_VpRadpS_f32		0.075000003		

# TEST DETAILS REPORT

2016-01-18, 15:40:33+0530



SCom\_EOLNomMtrParam\_Set

Name	Input Value		
NomRmtr_Ohm_f32	0.125650004		
Rte_Inst_Ap_CurrParamComp	target_Rte_Inst_Ap_CurrParamComp		
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	target_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.075000003	0.075000003	✓
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.125650004	0.125650004	✓

Test Step Call Trace					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_CurrParamComp_EOLNomMtrParamBlk_WriteBlock	1	Rte_Call_Ap_CurrParamComp_EOLNomMtrParamBlk_WriteBlock	1	✓	

# TEST DETAILS REPORT

2016-01-18, 15:35:33+0530

CurrParamComp\_Init



Project	MtrCtrl
Module	CurrParamComp
Test Object	CurrParamComp_Init

## Instrumentation: Test Object Only

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

## Statistics

Total Testcases	2
Successful	2 ✓
Failed	0
Not Executed	0

## Module Properties

Project Root Directory	D:\Synergy_Work_Area\MtrCtrl_CM
Configuration File	D:\Synergy_Work_Area\MtrCtrl_CM\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)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS=-D__inline=-Dconst=-I\$(PROJECTROOT)\MtrCtrl_CM\utpl\contract -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\MtrCtrl_CM\utpl\contract\Ap_CurrParamComp -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\MtrCtrl_CM\include -I\$(Compiler Install Path)\include
File	\$(PROJECTROOT)\MtrCtrl_CM\src\Ap_CurrParamComp.c
Compiler Options	-D_DATA_ACCESS=-D__inline=-Dconst=-I\$(PROJECTROOT)\MtrCtrl_CM\utpl\contract -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\MtrCtrl_CM\utpl\contract\Ap_CurrParamComp -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\MtrCtrl_CM\include -I\$(Compiler Install Path)\include

## Comments/Description/Specification

Name	Text
Module 'CurrParamComp'	*****Unit Test Information*****  Name of Tester:Priti Mangalekar Code File(s) Under Test:Ap_CurrParamComp.c Code File(s) Version:11 Module Design Document:CurrParamComp_MDD.docx Module Design Document Version:6 Data Dictionary Version:13 Unit Test Plan Version:4 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):1766 Total RAM Used (Bytes):52 Total CALS Used (Bytes):2840 Special Test Requirements: Test Date:01/15/2016 Comments:"Note 1: Inline functions declared in Globalmacro.h are not Unit Tested. NOTE2:"CBD_Sandbox_dbg.map" map file is embedded for reference. " *****

## 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



# TEST DETAILS REPORT

2016-01-18, 15:35:33+0530

CurrParamComp\_Init



Attributes	
Name	Value
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl
Target Install Path	\$(ProgramFiles)\pls\UDE 3.2
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\MtrCtrl_CM\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

# TEST DETAILS REPORT

2016-01-18, 15:35:33+0530



CurrParamComp\_Init

## Test Case 1: Metrics Test

<b>Specification</b>	Performance Metrics (With "None" Instrumentation and WithPS Environment)  CPU Cycles:  TS1.1 40.00 Cycles TS1.2 57.00 Cycles
<b>Description</b>	Vector Description:  TS1.1"Shortest Execution Path: (NomKe_VpRadpS_T_f32>= k_MaxKeRngLmt_VpRadpS_f32)=True ( NomRmtr_Ohm_T_f32>= D_MAXRRANGE_OHM_F32)=True" TS1.2"Longest Execution Path: (NomKe_VpRadpS_T_f32>= k_MaxKeRngLmt_VpRadpS_f32)=False ( NomRmtr_Ohm_T_f32>= D_MAXRRANGE_OHM_F32)=False"

### Test Step 1.1 (Repeat Count = 1)

Name	Input Value	Actual Value	Expected Value	Result
Rte_Inst_Ap_CurrParamComp	target_Rte_Inst_Ap_CurrParamComp			
k_MaxKeRngLmt_VpRadpS_f32	0.075000003			
k_MinKeRngLmt_VpRadpS_f32	0.075000003			
k_NomLd_Henry_f32	0.000410000008			
k_NomLq_Henry_f32	0.000410000008			
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.075000003			
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.125650004			
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstKe_VpRadpS_f32	target_CurrParamComp_Init_EstKe_VpRadpS_f32			
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32	target_CurrParamComp_Init_EstLd_Henry_f32			
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLq_Henry_f32	target_CurrParamComp_Init_EstLq_Henry_f32			
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstR_Ohm_f32	target_CurrParamComp_Init_EstR_Ohm_f32			
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	target_Pim_EOLNomMtrParam			
MtrEstKe_VpRadpS_M_f32[0]	0.075000003	0.075000003	0.075000003	✓
MtrEstKe_VpRadpS_M_f32[1]	0.075000003	0.075000003	0.075000003	✓
target_CurrParamComp_Init_EstKe_VpRadpS_f32.value	0.075000003	0.075000003	0.075000003	✓
target_CurrParamComp_Init_EstLd_Henry_f32.value	0.000410000008	0.000410000008	0.000410000008	✓
target_CurrParamComp_Init_EstLq_Henry_f32.value	0.000410000008	0.000410000008	0.000410000008	✓
target_CurrParamComp_Init_EstR_Ohm_f32.value	0.125650004	0.125650004	0.125650004	✓

### Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

### Test Step 1.2 (Repeat Count = 1)

Name	Input Value	Actual Value	Expected Value	Result
Rte_Inst_Ap_CurrParamComp	target_Rte_Inst_Ap_CurrParamComp			
k_MaxKeRngLmt_VpRadpS_f32	0.0412000008			
k_MinKeRngLmt_VpRadpS_f32	0.0269000009			
k_NomLd_Henry_f32	2.99999992e-005			
k_NomLq_Henry_f32	0.00026999999			
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0375000015			
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0781000033			
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstKe_VpRadpS_f32	target_CurrParamComp_Init_EstKe_VpRadpS_f32			
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32	target_CurrParamComp_Init_EstLd_Henry_f32			
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLq_Henry_f32	target_CurrParamComp_Init_EstLq_Henry_f32			
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstR_Ohm_f32	target_CurrParamComp_Init_EstR_Ohm_f32			
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	target_Pim_EOLNomMtrParam			
MtrEstKe_VpRadpS_M_f32[0]	0.0375000015	0.0375000015	0.0375000015	✓
MtrEstKe_VpRadpS_M_f32[1]	0.0375000015	0.0375000015	0.0375000015	✓
target_CurrParamComp_Init_EstKe_VpRadpS_f32.value	0.0375000015	0.0375000015	0.0375000015	✓
target_CurrParamComp_Init_EstLd_Henry_f32.value	2.99999992e-005	2.99999992e-005	2.99999992e-005	✓
target_CurrParamComp_Init_EstLq_Henry_f32.value	0.00026999999	0.00026999999	0.00026999999	✓
target_CurrParamComp_Init_EstR_Ohm_f32.value	0.0781000033	0.0781000033	0.0781000033	✓

### Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

# TEST DETAILS REPORT

2016-01-18, 15:35:33+0530



CurrParamComp\_Init

## Test Case 2: Boundary Test

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

CPU Cycles:

TS2.1 48.00 Cycles  
TS2.2 40.00 Cycles  
TS2.3 57.00 Cycles  
TS2.4 59.00 Cycles  
TS2.5 59.00 Cycles  
TS2.6 59.00 Cycles  
TS2.7 59.00 Cycles  
TS2.8 59.00 Cycles  
TS2.9 59.00 Cycles  
TS2.10 50.00 Cycles  
TS2.11 57.00 Cycles  
TS2.12 59.00 Cycles  
TS2.13 48.00 Cycles  
TS2.14 59.00 Cycles  
TS2.15 59.00 Cycles  
TS2.16 59.00 Cycles  
TS2.17 59.00 Cycles  
TS2.18 48.00 Cycles  
TS2.19 59.00 Cycles  
TS2.20 59.00 Cycles

**Description** Vector Description:

TS2.1 All min  
TS2.2 Allmax  
TS2.3 k\_NomLd\_Henry\_f32 min  
TS2.4 k\_NomLd\_Henry\_f32 max  
TS2.5 k\_NomLd\_Henry\_f32 pos/Default  
TS2.6 k\_NomLq\_Henry\_f32 min  
TS2.7 k\_NomLq\_Henry\_f32 max  
TS2.8 k\_NomLq\_Henry\_f32 pos/Default  
TS2.9 Rte\_Pim\_EOLNomMtrParam.Pim\_EOLNomMtrParam.NomRmtr\_Ohm\_f32 min  
TS2.10 Rte\_Pim\_EOLNomMtrParam.Pim\_EOLNomMtrParam.NomRmtr\_Ohm\_f32 max  
TS2.11 Rte\_Pim\_EOLNomMtrParam.Pim\_EOLNomMtrParam.NomRmtr\_Ohm\_f32 pos  
TS2.12 Rte\_Pim\_EOLNomMtrParam.NomKe\_VpRadpS\_f32 min  
TS2.13 Rte\_Pim\_EOLNomMtrParam.NomKe\_VpRadpS\_f32 max  
TS2.14 Rte\_Pim\_EOLNomMtrParam.NomKe\_VpRadpS\_f32 pos  
TS2.15 k\_MinKeRngLmt\_VpRadpS\_f32 min  
TS2.16 k\_MinKeRngLmt\_VpRadpS\_f32 max  
TS2.17 k\_MinKeRngLmt\_VpRadpS\_f32 pos/Default  
TS2.18 k\_MaxKeRngLmt\_VpRadpS\_f32 min  
TS2.19 k\_MaxKeRngLmt\_VpRadpS\_f32 max  
TS2.20 k\_MaxKeRngLmt\_VpRadpS\_f32 pos/Default

## Test Step 2.1 (Repeat Count = 1)

Name	Input Value		
Rte_Inst_Ap_CurrParamComp	target_Rte_Inst_Ap_CurrParamComp		
k_MaxKeRngLmt_VpRadpS_f32	0.0250000004		
k_MinKeRngLmt_VpRadpS_f32	0.0250000004		
k_NomLd_Henry_f32	2.99999992e-005		
k_NomLq_Henry_f32	2.99999992e-005		
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0250000004		
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.00499999989		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstKe_VpRadpS_f32	target_CurrParamComp_Init_EstKe_VpRadpS_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32	target_CurrParamComp_Init_EstLd_Henry_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLq_Henry_f32	target_CurrParamComp_Init_EstLq_Henry_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstR_Ohm_f32	target_CurrParamComp_Init_EstR_Ohm_f32		
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	target_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
MtrEstKe_VpRadpS_M_f32[0]	0.0250000004	0.0250000004	✓
MtrEstKe_VpRadpS_M_f32[1]	0.0250000004	0.0250000004	✓
target_CurrParamComp_Init_EstKe_VpRadpS_f32.value	0.0250000004	0.0250000004	✓
target_CurrParamComp_Init_EstLd_Henry_f32.value	2.99999992e-005	2.99999992e-005	✓
target_CurrParamComp_Init_EstLq_Henry_f32.value	2.99999992e-005	2.99999992e-005	✓
target_CurrParamComp_Init_EstR_Ohm_f32.value	0.00499999989	0.00499999989	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 2.2 (Repeat Count = 1)

Name	Input Value
Rte_Inst_Ap_CurrParamComp	target_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.075000003
k_MinKeRngLmt_VpRadpS_f32	0.075000003
k_NomLd_Henry_f32	0.00041000008

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Name	Input Value		
k_NomLq_Henry_f32	0.000410000008		
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.075000003		
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.125650004		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstKe_VpRadpS_f32	target_CurrParamComp_Init_EstKe_VpRadpS_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32	target_CurrParamComp_Init_EstLd_Henry_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLq_Henry_f32	target_CurrParamComp_Init_EstLq_Henry_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstR_Ohm_f32	target_CurrParamComp_Init_EstR_Ohm_f32		
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	target_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
MtrEstKe_VpRadpS_M_f32[0]	0.075000003	0.075000003	✔
MtrEstKe_VpRadpS_M_f32[1]	0.075000003	0.075000003	✔
target_CurrParamComp_Init_EstKe_VpRadpS_f32.value	0.075000003	0.075000003	✔
target_CurrParamComp_Init_EstLd_Henry_f32.value	0.000410000008	0.000410000008	✔
target_CurrParamComp_Init_EstLq_Henry_f32.value	0.000410000008	0.000410000008	✔
target_CurrParamComp_Init_EstR_Ohm_f32.value	0.125650004	0.125650004	✔

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

Test Step 2.3 (Repeat Count = 1)				✔
Name		Input Value		
Rte_Inst_Ap_CurrParamComp		target_Rte_Inst_Ap_CurrParamComp		
k_MaxKeRngLmt_VpRadpS_f32		0.0412000008		
k_MinKeRngLmt_VpRadpS_f32		0.0269000009		
k_NomLd_Henry_f32		2.99999992e-005		
k_NomLq_Henry_f32		0.00026999999		
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32		0.0375000015		
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32		0.0781000033		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstKe_VpRadpS_f32		target_CurrParamComp_Init_EstKe_VpRadpS_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32		target_CurrParamComp_Init_EstLd_Henry_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLq_Henry_f32		target_CurrParamComp_Init_EstLq_Henry_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstR_Ohm_f32		target_CurrParamComp_Init_EstR_Ohm_f32		
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam		target_Pim_EOLNomMtrParam		
Name		Actual Value	Expected Value	Result
MtrEstKe_VpRadpS_M_f32[0]		0.0375000015	0.0375000015	✔
MtrEstKe_VpRadpS_M_f32[1]		0.0375000015	0.0375000015	✔
target_CurrParamComp_Init_EstKe_VpRadpS_f32.value		0.0375000015	0.0375000015	✔
target_CurrParamComp_Init_EstLd_Henry_f32.value		2.99999992e-005	2.99999992e-005	✔
target_CurrParamComp_Init_EstLq_Henry_f32.value		0.00026999999	0.00026999999	✔
target_CurrParamComp_Init_EstR_Ohm_f32.value		0.0781000033	0.0781000033	✔

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

Test Step 2.4 (Repeat Count = 1)				✓
Name		Input Value		
Rte_Inst_Ap_CurrParamComp		target_Rte_Inst_Ap_CurrParamComp		
k_MaxKeRngLmt_VpRadpS_f32		0.0428999998		
k_MinKeRngLmt_VpRadpS_f32		0.0273000002		
k_NomLd_Henry_f32		0.000410000008		
k_NomLq_Henry_f32		0.000180000003		
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32		0.0388999991		
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32		0.0577999987		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstKe_VpRadpS_f32		target_CurrParamComp_Init_EstKe_VpRadpS_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32		target_CurrParamComp_Init_EstLd_Henry_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLq_Henry_f32		target_CurrParamComp_Init_EstLq_Henry_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstR_Ohm_f32		target_CurrParamComp_Init_EstR_Ohm_f32		
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam		target_Pim_EOLNomMtrParam		
Name		Actual Value	Expected Value	Result
MtrEstKe_VpRadpS_M_f32[0]		0.0388999991	0.0388999991	✓
MtrEstKe_VpRadpS_M_f32[1]		0.0388999991	0.0388999991	✓
target_CurrParamComp_Init_EstKe_VpRadpS_f32.value		0.0388999991	0.0388999991	✓
target_CurrParamComp_Init_EstLd_Henry_f32.value		0.000410000008	0.000410000008	✓
target_CurrParamComp_Init_EstLq_Henry_f32.value		0.000180000003	0.000180000003	✓

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Name	Actual Value	Expected Value	Result
target_CurrParamComp_Init_EstR_Ohm_f32.value	0.0577999987	0.0577999987	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 2.5 (Repeat Count = 1)

Name	Input Value		
Rte_Inst_Ap_CurrParamComp	target_Rte_Inst_Ap_CurrParamComp		
k_MaxKeRngLmt_VpRadpS_f32	0.0445999987		
k_MinKeRngLmt_VpRadpS_f32	0.0276999995		
k_NomLd_Henry_f32	0.000118889999		
k_NomLq_Henry_f32	0.000310000003		
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0403000005		
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0781000033		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstKe_VpRadpS_f32	target_CurrParamComp_Init_EstKe_VpRadpS_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32	target_CurrParamComp_Init_EstLd_Henry_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLq_Henry_f32	target_CurrParamComp_Init_EstLq_Henry_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstR_Ohm_f32	target_CurrParamComp_Init_EstR_Ohm_f32		
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	target_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
MtrEstKe_VpRadpS_M_f32[0]	0.0403000005	0.0403000005	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0403000005	0.0403000005	✔
target_CurrParamComp_Init_EstKe_VpRadpS_f32.value	0.0403000005	0.0403000005	✔
target_CurrParamComp_Init_EstLd_Henry_f32.value	0.000118889999	0.000118889999	✔
target_CurrParamComp_Init_EstLq_Henry_f32.value	0.000310000003	0.000310000003	✔
target_CurrParamComp_Init_EstR_Ohm_f32.value	0.0781000033	0.0781000033	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 2.6 (Repeat Count = 1)

Name	Input Value		
Rte_Inst_Ap_CurrParamComp	target_Rte_Inst_Ap_CurrParamComp		
k_MaxKeRngLmt_VpRadpS_f32	0.0463000014		
k_MinKeRngLmt_VpRadpS_f32	0.0281000007		
k_NomLd_Henry_f32	0.00026999999		
k_NomLq_Henry_f32	2.99999992e-005		
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0417000018		
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0571000017		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstKe_VpRadpS_f32	target_CurrParamComp_Init_EstKe_VpRadpS_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32	target_CurrParamComp_Init_EstLd_Henry_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLq_Henry_f32	target_CurrParamComp_Init_EstLq_Henry_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstR_Ohm_f32	target_CurrParamComp_Init_EstR_Ohm_f32		
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	target_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
MtrEstKe_VpRadpS_M_f32[0]	0.0417000018	0.0417000018	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0417000018	0.0417000018	✔
target_CurrParamComp_Init_EstKe_VpRadpS_f32.value	0.0417000018	0.0417000018	✔
target_CurrParamComp_Init_EstLd_Henry_f32.value	0.00026999999	0.00026999999	✔
target_CurrParamComp_Init_EstLq_Henry_f32.value	2.99999992e-005	2.99999992e-005	✔
target_CurrParamComp_Init_EstR_Ohm_f32.value	0.0571000017	0.0571000017	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 2.7 (Repeat Count = 1)

Name	Input Value
Rte_Inst_Ap_CurrParamComp	target_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0480000004
k_MinKeRngLmt_VpRadpS_f32	0.0285

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Name	Input Value		
k_NomLd_Henry_f32	0.000180000003		
k_NomLq_Henry_f32	0.000410000008		
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0430999994		
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0680999979		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstKe_VpRadpS_f32	target_CurrParamComp_Init_EstKe_VpRadpS_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32	target_CurrParamComp_Init_EstLd_Henry_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLq_Henry_f32	target_CurrParamComp_Init_EstLq_Henry_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstR_Ohm_f32	target_CurrParamComp_Init_EstR_Ohm_f32		
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	target_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
MtrEstKe_VpRadpS_M_f32[0]	0.0430999994	0.0430999994	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0430999994	0.0430999994	✔
target_CurrParamComp_Init_EstKe_VpRadpS_f32.value	0.0430999994	0.0430999994	✔
target_CurrParamComp_Init_EstLd_Henry_f32.value	0.000180000003	0.000180000003	✔
target_CurrParamComp_Init_EstLq_Henry_f32.value	0.000410000008	0.000410000008	✔
target_CurrParamComp_Init_EstR_Ohm_f32.value	0.0680999979	0.0680999979	✔

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

Test Step 2.8 (Repeat Count = 1)				
Name		Input Value		
Rte_Inst_Ap_CurrParamComp		target_Rte_Inst_Ap_CurrParamComp		
k_MaxKeRngLmt_VpRadpS_f32		0.0496999994		
k_MinKeRngLmt_VpRadpS_f32		0.0288999993		
k_NomLd_Henry_f32		0.000310000003		
k_NomLq_Henry_f32		0.000118889999		
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32		0.0445000008		
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32		0.0790000036		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstKe_VpRadpS_f32		target_CurrParamComp_Init_EstKe_VpRadpS_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32		target_CurrParamComp_Init_EstLd_Henry_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLq_Henry_f32		target_CurrParamComp_Init_EstLq_Henry_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstR_Ohm_f32		target_CurrParamComp_Init_EstR_Ohm_f32		
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam		target_Pim_EOLNomMtrParam		
Name		Actual Value	Expected Value	Result
MtrEstKe_VpRadpS_M_f32[0]		0.0445000008	0.0445000008	✓
MtrEstKe_VpRadpS_M_f32[1]		0.0445000008	0.0445000008	✓
target_CurrParamComp_Init_EstKe_VpRadpS_f32.value		0.0445000008	0.0445000008	✓
target_CurrParamComp_Init_EstLd_Henry_f32.value		0.000310000003	0.000310000003	✓
target_CurrParamComp_Init_EstLq_Henry_f32.value		0.000118889999	0.000118889999	✓
target_CurrParamComp_Init_EstR_Ohm_f32.value		0.0790000036	0.0790000036	✓

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

Test Step 2.9 (Repeat Count = 1)				
Name		Input Value		
Rte_Inst_Ap_CurrParamComp		target_Rte_Inst_Ap_CurrParamComp		
k_MaxKeRngLmt_VpRadpS_f32		0.0513999984		
k_MinKeRngLmt_VpRadpS_f32		0.0293000005		
k_NomLd_Henry_f32		0.00026999999		
k_NomLq_Henry_f32		0.000209999998		
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32		0.0458999984		
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32		0.00499999989		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstKe_VpRadpS_f32		target_CurrParamComp_Init_EstKe_VpRadpS_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32		target_CurrParamComp_Init_EstLd_Henry_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLq_Henry_f32		target_CurrParamComp_Init_EstLq_Henry_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstR_Ohm_f32		target_CurrParamComp_Init_EstR_Ohm_f32		
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam		target_Pim_EOLNomMtrParam		
Name		Actual Value	Expected Value	Result
MtrEstKe_VpRadpS_M_f32[0]		0.0458999984	0.0458999984	✔
MtrEstKe_VpRadpS_M_f32[1]		0.0458999984	0.0458999984	✔
target_CurrParamComp_Init_EstKe_VpRadpS_f32.value		0.0458999984	0.0458999984	✔
target_CurrParamComp_Init_EstLd_Henry_f32.value		0.00026999999	0.00026999999	✔

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Name	Actual Value	Expected Value	Result
target_CurrParamComp_Init_EstLq_Henry_f32.value	0.000209999998	0.000209999998	✓
target_CurrParamComp_Init_EstR_Ohm_f32.value	0.004999999989	0.004999999989	✓

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

## Test Step 2.10 (Repeat Count = 1)

Name	Input Value		
Rte_Inst_Ap_CurrParamComp	target_Rte_Inst_Ap_CurrParamComp		
k_MaxKeRngLmt_VpRadpS_f32	0.0531000011		
k_MinKeRngLmt_VpRadpS_f32	0.0296999998		
k_NomLd_Henry_f32	0.000169999999		
k_NomLq_Henry_f32	0.000300000014		
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0472999997		
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.125650004		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstKe_VpRadpS_f32	target_CurrParamComp_Init_EstKe_VpRadpS_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32	target_CurrParamComp_Init_EstLd_Henry_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLq_Henry_f32	target_CurrParamComp_Init_EstLq_Henry_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstR_Ohm_f32	target_CurrParamComp_Init_EstR_Ohm_f32		
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	target_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
MtrEstKe_VpRadpS_M_f32[0]	0.0472999997	0.0472999997	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0472999997	0.0472999997	✔
target_CurrParamComp_Init_EstKe_VpRadpS_f32.value	0.0472999997	0.0472999997	✔
target_CurrParamComp_Init_EstLd_Henry_f32.value	0.000169999999	0.000169999999	✔
target_CurrParamComp_Init_EstLq_Henry_f32.value	0.000300000014	0.000300000014	✔
target_CurrParamComp_Init_EstR_Ohm_f32.value	0.125650004	0.125650004	✔

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

## Test Step 2.11 (Repeat Count = 1)

Name	Input Value		
Rte_Inst_Ap_CurrParamComp	target_Rte_Inst_Ap_CurrParamComp		
k_MaxKeRngLmt_VpRadpS_f32	0.0548		
k_MinKeRngLmt_VpRadpS_f32	0.0300999992		
k_NomLd_Henry_f32	0.000209999998		
k_NomLq_Henry_f32	0.000280000007		
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0487000011		
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0719999969		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstKe_VpRadpS_f32	target_CurrParamComp_Init_EstKe_VpRadpS_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32	target_CurrParamComp_Init_EstLd_Henry_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLq_Henry_f32	target_CurrParamComp_Init_EstLq_Henry_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstR_Ohm_f32	target_CurrParamComp_Init_EstR_Ohm_f32		
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	target_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
MtrEstKe_VpRadpS_M_f32[0]	0.0487000011	0.0487000011	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0487000011	0.0487000011	✔
target_CurrParamComp_Init_EstKe_VpRadpS_f32.value	0.0487000011	0.0487000011	✔
target_CurrParamComp_Init_EstLd_Henry_f32.value	0.000209999998	0.000209999998	✔
target_CurrParamComp_Init_EstLq_Henry_f32.value	0.000280000007	0.000280000007	✔
target_CurrParamComp_Init_EstR_Ohm_f32.value	0.0719999969	0.0719999969	✔

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

## Test Step 2.12 (Repeat Count = 1)

Name	Input Value
Rte_Inst_Ap_CurrParamComp	target_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.056499999

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CurrParamComp\_Init

Name	Input Value		
k_MinKeRngLmt_VpRadpS_f32	0.0305000003		
k_NomLd_Henry_f32	0.000300000014		
k_NomLq_Henry_f32	0.000255999999		
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0250000004		
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0781000033		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstKe_VpRadpS_f32	target_CurrParamComp_Init_EstKe_VpRadpS_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32	target_CurrParamComp_Init_EstLd_Henry_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLq_Henry_f32	target_CurrParamComp_Init_EstLq_Henry_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstR_Ohm_f32	target_CurrParamComp_Init_EstR_Ohm_f32		
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	target_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
MtrEstKe_VpRadpS_M_f32[0]	0.0305000003	0.0305000003	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0305000003	0.0305000003	✔
target_CurrParamComp_Init_EstKe_VpRadpS_f32.value	0.0305000003	0.0305000003	✔
target_CurrParamComp_Init_EstLd_Henry_f32.value	0.000300000014	0.000300000014	✔
target_CurrParamComp_Init_EstLq_Henry_f32.value	0.000255999999	0.000255999999	✔
target_CurrParamComp_Init_EstR_Ohm_f32.value	0.0781000033	0.0781000033	✔

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

Test Step 2.13 (Repeat Count = 1)				
Name		Input Value		
Rte_Inst_Ap_CurrParamComp		target_Rte_Inst_Ap_CurrParamComp		
k_MaxKeRngLmt_VpRadpS_f32		0.0582000017		
k_MinKeRngLmt_VpRadpS_f32		0.0308999997		
k_NomLd_Henry_f32		0.000280000007		
k_NomLq_Henry_f32		0.000269999999		
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32		0.0750000003		
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32		0.0891999975		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstKe_VpRadpS_f32		target_CurrParamComp_Init_EstKe_VpRadpS_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32		target_CurrParamComp_Init_EstLd_Henry_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLq_Henry_f32		target_CurrParamComp_Init_EstLq_Henry_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstR_Ohm_f32		target_CurrParamComp_Init_EstR_Ohm_f32		
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam		target_Pim_EOLNomMtrParam		
Name		Actual Value	Expected Value	Result
MtrEstKe_VpRadpS_M_f32[0]		0.0582000017	0.0582000017	
MtrEstKe_VpRadpS_M_f32[1]		0.0582000017	0.0582000017	
target_CurrParamComp_Init_EstKe_VpRadpS_f32.value		0.0582000017	0.0582000017	
target_CurrParamComp_Init_EstLd_Henry_f32.value		0.000280000007	0.000280000007	
target_CurrParamComp_Init_EstLq_Henry_f32.value		0.000269999999	0.000269999999	
target_CurrParamComp_Init_EstR_Ohm_f32.value		0.0891999975	0.0891999975	

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

Test Step 2.14 (Repeat Count = 1)				
Name		Input Value		
Rte_Inst_Ap_CurrParamComp		target_Rte_Inst_Ap_CurrParamComp		
k_MaxKeRngLmt_VpRadpS_f32		0.0599000007		
k_MinKeRngLmt_VpRadpS_f32		0.0313000008		
k_NomLd_Henry_f32		0.000255999999		
k_NomLq_Henry_f32		0.000169999999		
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32		0.0529000014		
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32		0.0421000011		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstKe_VpRadpS_f32		target_CurrParamComp_Init_EstKe_VpRadpS_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32		target_CurrParamComp_Init_EstLd_Henry_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLq_Henry_f32		target_CurrParamComp_Init_EstLq_Henry_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstR_Ohm_f32		target_CurrParamComp_Init_EstR_Ohm_f32		
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam		target_Pim_EOLNomMtrParam		
Name		Actual Value	Expected Value	Result
MtrEstKe_VpRadpS_M_f32[0]		0.0529000014	0.0529000014	✓
MtrEstKe_VpRadpS_M_f32[1]		0.0529000014	0.0529000014	✓
target_CurrParamComp_Init_EstKe_VpRadpS_f32.value		0.0529000014	0.0529000014	✓



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Name	Actual Value	Expected Value	Result
target_CurrParamComp_Init_EstLd_Henry_f32.value	0.000255999999	0.000255999999	✓
target_CurrParamComp_Init_EstLq_Henry_f32.value	0.000169999999	0.000169999999	✓
target_CurrParamComp_Init_EstR_Ohm_f32.value	0.0421000011	0.0421000011	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 2.15 (Repeat Count = 1)

Name	Input Value		
Rte_Inst_Ap_CurrParamComp	target_Rte_Inst_Ap_CurrParamComp		
k_MaxKeRngLmt_VpRadpS_f32	0.0615999997		
k_MinKeRngLmt_VpRadpS_f32	0.0250000004		
k_NomLd_Henry_f32	0.000269999999		
k_NomLq_Henry_f32	0.000209999998		
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.054299999		
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0781000033		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstKe_VpRadpS_f32	target_CurrParamComp_Init_EstKe_VpRadpS_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32	target_CurrParamComp_Init_EstLd_Henry_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLq_Henry_f32	target_CurrParamComp_Init_EstLq_Henry_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstR_Ohm_f32	target_CurrParamComp_Init_EstR_Ohm_f32		
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	target_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
MtrEstKe_VpRadpS_M_f32[0]	0.054299999	0.054299999	✓
MtrEstKe_VpRadpS_M_f32[1]	0.054299999	0.054299999	✓
target_CurrParamComp_Init_EstKe_VpRadpS_f32.value	0.054299999	0.054299999	✓
target_CurrParamComp_Init_EstLd_Henry_f32.value	0.000269999999	0.000269999999	✓
target_CurrParamComp_Init_EstLq_Henry_f32.value	0.000209999998	0.000209999998	✓
target_CurrParamComp_Init_EstR_Ohm_f32.value	0.0781000033	0.0781000033	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 2.16 (Repeat Count = 1)

Name	Input Value		
Rte_Inst_Ap_CurrParamComp	target_Rte_Inst_Ap_CurrParamComp		
k_MaxKeRngLmt_VpRadpS_f32	0.0632999986		
k_MinKeRngLmt_VpRadpS_f32	0.0750000003		
k_NomLd_Henry_f32	0.000180000003		
k_NomLq_Henry_f32	0.000300000014		
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0557000004		
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0577999987		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstKe_VpRadpS_f32	target_CurrParamComp_Init_EstKe_VpRadpS_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32	target_CurrParamComp_Init_EstLd_Henry_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLq_Henry_f32	target_CurrParamComp_Init_EstLq_Henry_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstR_Ohm_f32	target_CurrParamComp_Init_EstR_Ohm_f32		
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	target_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
MtrEstKe_VpRadpS_M_f32[0]	0.0750000003	0.0750000003	✓
MtrEstKe_VpRadpS_M_f32[1]	0.0750000003	0.0750000003	✓
target_CurrParamComp_Init_EstKe_VpRadpS_f32.value	0.0750000003	0.0750000003	✓
target_CurrParamComp_Init_EstLd_Henry_f32.value	0.000180000003	0.000180000003	✓
target_CurrParamComp_Init_EstLq_Henry_f32.value	0.000300000014	0.000300000014	✓
target_CurrParamComp_Init_EstR_Ohm_f32.value	0.0577999987	0.0577999987	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 2.17 (Repeat Count = 1)

Name	Input Value
Rte_Inst_Ap_CurrParamComp	target_Rte_Inst_Ap_CurrParamComp

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Name	Input Value		
k_MaxKeRngLmt_VpRadpS_f32	0.0649999976		
k_MinKeRngLmt_VpRadpS_f32	0.0260000005		
k_NomLd_Henry_f32	0.000310000003		
k_NomLq_Henry_f32	0.000280000007		
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0571000017		
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0781000033		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstKe_VpRadpS_f32	target_CurrParamComp_Init_EstKe_VpRadpS_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32	target_CurrParamComp_Init_EstLd_Henry_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLq_Henry_f32	target_CurrParamComp_Init_EstLq_Henry_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstR_Ohm_f32	target_CurrParamComp_Init_EstR_Ohm_f32		
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	target_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
MtrEstKe_VpRadpS_M_f32[0]	0.0571000017	0.0571000017	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0571000017	0.0571000017	✔
target_CurrParamComp_Init_EstKe_VpRadpS_f32.value	0.0571000017	0.0571000017	✔
target_CurrParamComp_Init_EstLd_Henry_f32.value	0.000310000003	0.000310000003	✔
target_CurrParamComp_Init_EstLq_Henry_f32.value	0.000280000007	0.000280000007	✔
target_CurrParamComp_Init_EstR_Ohm_f32.value	0.0781000033	0.0781000033	✔

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

Test Step 2.18 (Repeat Count = 1)				
Name		Input Value		
Rte_Inst_Ap_CurrParamComp		target_Rte_Inst_Ap_CurrParamComp		
k_MaxKeRngLmt_VpRadpS_f32		0.0250000004		
k_MinKeRngLmt_VpRadpS_f32		0.0329000019		
k_NomLd_Henry_f32		0.00026999999		
k_NomLq_Henry_f32		0.000255999999		
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32		0.0584999993		
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32		0.0571000017		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstKe_VpRadpS_f32		target_CurrParamComp_Init_EstKe_VpRadpS_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32		target_CurrParamComp_Init_EstLd_Henry_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLq_Henry_f32		target_CurrParamComp_Init_EstLq_Henry_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstR_Ohm_f32		target_CurrParamComp_Init_EstR_Ohm_f32		
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam		target_Pim_EOLNomMtrParam		
Name		Actual Value	Expected Value	Result
MtrEstKe_VpRadpS_M_f32[0]		0.0250000004	0.0250000004	✓
MtrEstKe_VpRadpS_M_f32[1]		0.0250000004	0.0250000004	✓
target_CurrParamComp_Init_EstKe_VpRadpS_f32.value		0.0250000004	0.0250000004	✓
target_CurrParamComp_Init_EstLd_Henry_f32.value		0.00026999999	0.00026999999	✓
target_CurrParamComp_Init_EstLq_Henry_f32.value		0.000255999999	0.000255999999	✓
target_CurrParamComp_Init_EstR_Ohm_f32.value		0.0571000017	0.0571000017	✓

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

Test Step 2.19 (Repeat Count = 1)				
Name		Input Value		
Rte_Inst_Ap_CurrParamComp		target_Rte_Inst_Ap_CurrParamComp		
k_MaxKeRngLmt_VpRadpS_f32		0.0750000003		
k_MinKeRngLmt_VpRadpS_f32		0.0333000012		
k_NomLd_Henry_f32		0.000169999999		
k_NomLq_Henry_f32		0.000269999999		
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32		0.0599000007		
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32		0.0680999979		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstKe_VpRadpS_f32		target_CurrParamComp_Init_EstKe_VpRadpS_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32		target_CurrParamComp_Init_EstLd_Henry_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLq_Henry_f32		target_CurrParamComp_Init_EstLq_Henry_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstR_Ohm_f32		target_CurrParamComp_Init_EstR_Ohm_f32		
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam		target_Pim_EOLNomMtrParam		
Name		Actual Value	Expected Value	Result
MtrEstKe_VpRadpS_M_f32[0]		0.0599000007	0.0599000007	✓
MtrEstKe_VpRadpS_M_f32[1]		0.0599000007	0.0599000007	✓

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Name	Actual Value	Expected Value	Result
target_CurrParamComp_Init_EstKe_VpRadpS_f32.value	0.0599000007	0.0599000007	✓
target_CurrParamComp_Init_EstLd_Henry_f32.value	0.000169999999	0.000169999999	✓
target_CurrParamComp_Init_EstLq_Henry_f32.value	0.000269999999	0.000269999999	✓
target_CurrParamComp_Init_EstR_Ohm_f32.value	0.0680999979	0.0680999979	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 2.20 (Repeat Count = 1)

Name	Input Value		
Rte_Inst_Ap_CurrParamComp	target_Rte_Inst_Ap_CurrParamComp		
k_MaxKeRngLmt_VpRadpS_f32	0.0599999987		
k_MinKeRngLmt_VpRadpS_f32	0.0337000005		
k_NomLd_Henry_f32	0.000209999998		
k_NomLq_Henry_f32	0.000169999999		
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0612999983		
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0790000036		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstKe_VpRadpS_f32	target_CurrParamComp_Init_EstKe_VpRadpS_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32	target_CurrParamComp_Init_EstLd_Henry_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLq_Henry_f32	target_CurrParamComp_Init_EstLq_Henry_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstR_Ohm_f32	target_CurrParamComp_Init_EstR_Ohm_f32		
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	target_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
MtrEstKe_VpRadpS_M_f32[0]	0.0599999987	0.0599999987	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0599999987	0.0599999987	✔
target_CurrParamComp_Init_EstKe_VpRadpS_f32.value	0.0599999987	0.0599999987	✔
target_CurrParamComp_Init_EstLd_Henry_f32.value	0.000209999998	0.000209999998	✔
target_CurrParamComp_Init_EstLq_Henry_f32.value	0.000169999999	0.000169999999	✔
target_CurrParamComp_Init_EstR_Ohm_f32.value	0.0790000036	0.0790000036	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

# TEST DETAILS REPORT

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CurrParamComp\_Per1



Project	MtrCtrl
Module	CurrParamComp
Test Object	CurrParamComp_Per1

## Instrumentation: Test Object Only

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

## Statistics

Total Testcases	2
Successful	2 ✓
Failed	0
Not Executed	0

## Module Properties

Project Root Directory	D:\Synergy_Work_Area\MtrCtrl_CM
Configuration File	D:\Synergy_Work_Area\MtrCtrl_CM\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)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS=-D__inline=-Dconst=-I\$(PROJECTROOT)\MtrCtrl_CM\utp\contract -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\MtrCtrl_CM\utp\contract\Ap_CurrParamComp -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\MtrCtrl_CM\include -I\$(Compiler Install Path)\include
File	\$(PROJECTROOT)\MtrCtrl_CM\src\Ap_CurrParamComp.c
Compiler Options	-D_DATA_ACCESS=-D__inline=-Dconst=-I\$(PROJECTROOT)\MtrCtrl_CM\utp\contract -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\MtrCtrl_CM\utp\contract\Ap_CurrParamComp -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\MtrCtrl_CM\include -I\$(Compiler Install Path)\include

## Comments/Description/Specification

Name	Text
Module 'CurrParamComp'	*****Unit Test Information*****  Name of Tester:Priti Mangalekar Code File(s) Under Test:Ap_CurrParamComp.c Code File(s) Version:11 Module Design Document:CurrParamComp_MDD.docx Module Design Document Version:6 Data Dictionary Version:13 Unit Test Plan Version:4 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):1766 Total RAM Used (Bytes):52 Total CALS Used (Bytes):2840 Special Test Requirements: Test Date:01/15/2016 Comments:"Note 1: Inline functions declared in Globalmacro.h are not Unit Tested. NOTE2:"CBD_Sandbox_dbg.map" map file is embedded for reference. " *****

## 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

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Attributes	
Name	Value
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl
Target Install Path	\$(ProgramFiles)\pls\UDE 3.2
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\MtrCtrl_CM\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

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## Test Case 1: Metrics Test

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

CPU Cycles:

TS1.1 1819.00 Cycles

TS1.2 2109.00 Cycles

**Description** Vector Description:

TS1.1 "Shortest Execution Path:  
(EstKe\_VpRadpS\_T\_f32>=k\_MaxKeRngLmt\_VpRadpS\_f32)=True  
(EstR\_Ohm\_T\_f32>=k\_MaxRRngLmt\_Ohm\_f32)=True  
(EstLq\_Henry\_T\_f32>=k\_MaxLqRngLmt\_Henry\_f32)=True"  
TS1.2 "Longest Execution Path:  
(EstKe\_VpRadpS\_T\_f32>=k\_MaxKeRngLmt\_VpRadpS\_f32)=False  
(EstR\_Ohm\_T\_f32>=k\_MinRRngLmt\_Ohm\_f32)=False  
(EstLq\_Henry\_T\_f32>=k\_MaxLqRngLmt\_Henry\_f32)=False"

## Test Step 1.1 (Repeat Count = 1)

Name	Input Value
EstKeFF_VpRadpS_M_f32	0.075000003
EstRFF_Ohm_M_f32	0.125650004
FastDataAccessBufIndex_Cnt_M_u16	1
MtrEstKe_VpRadpS_M_f32[0]	0.075000003
MtrEstKe_VpRadpS_M_f32[1]	0.075000003
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.075000003
k_MaxLdRngLmt_Henry_f32	0.000410000008
k_MaxLqRngLmt_Henry_f32	0.000410000008
k_MaxRRngLmt_Ohm_f32	0.125650004
k_MinKeRngLmt_VpRadpS_f32	0.075000003
k_MinLdRngLmt_Henry_f32	0.000410000008
k_MinLqRngLmt_Henry_f32	0.000410000008
k_MinRRngLmt_Ohm_f32	0.125650004
k_NomLd_Henry_f32	0.000410000008
k_NomLq_Henry_f32	0.000410000008
t2_CurrParamLdSatSciFac_Uls_u2p14[0][0]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[0][1]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[0][2]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[0][3]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[0][4]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[0][5]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[0][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[1][0]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[1][1]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[1][2]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[1][3]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[1][4]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[1][5]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[1][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[2][0]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[2][1]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[2][2]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[2][3]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[2][4]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[2][5]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][0]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][1]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][2]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][3]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][4]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][5]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[4][0]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[4][1]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[4][2]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[4][3]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[4][4]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[4][5]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[4][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[5][0]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[5][1]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[5][2]	32768

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Name	Input Value
t2_CurrParamLdSatSciFac_Uls_u2p14[5][3]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[5][4]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[5][5]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[0][0]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[0][1]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[0][2]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[0][3]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[0][4]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[0][5]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[0][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[1][0]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[1][1]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[1][2]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[1][3]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[1][4]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[1][5]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[1][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[2][0]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[2][1]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[2][2]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[2][3]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[2][4]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[2][5]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	31130
t_CurrParamCompDaxRef_Amp_u9p7[0]	28160
t_CurrParamCompDaxRef_Amp_u9p7[1]	28160
t_CurrParamCompDaxRef_Amp_u9p7[2]	28160
t_CurrParamCompDaxRef_Amp_u9p7[3]	28160
t_CurrParamCompDaxRef_Amp_u9p7[4]	28160
t_CurrParamCompDaxRef_Amp_u9p7[5]	28160
t_CurrParamCompQaxRef_Amp_u9p7[0]	28160
t_CurrParamCompQaxRef_Amp_u9p7[1]	28160
t_CurrParamCompQaxRef_Amp_u9p7[2]	28160
t_CurrParamCompQaxRef_Amp_u9p7[3]	28160
t_CurrParamCompQaxRef_Amp_u9p7[4]	28160
t_CurrParamCompQaxRef_Amp_u9p7[5]	28160
t_CurrParamCompQaxRef_Amp_u9p7[6]	28160
t_KeSatTblX_Amp_u9p7[0]	28160
t_KeSatTblX_Amp_u9p7[1]	28160
t_KeSatTblX_Amp_u9p7[2]	28160
t_KeSatTblX_Amp_u9p7[3]	28160
t_KeSatTblX_Amp_u9p7[4]	28160
t_KeSatTblX_Amp_u9p7[5]	28160
t_KeSatTblX_Amp_u9p7[6]	28160
t_KeSatTblX_Amp_u9p7[7]	28160
t_KeSatTblX_Amp_u9p7[8]	28160
t_KeSatTblX_Amp_u9p7[9]	28160
t_KeSatTblX_Amp_u9p7[10]	28160
t_KeSatTblX_Amp_u9p7[11]	28160
t_KeSatTblX_Amp_u9p7[12]	28160
t_KeSatTblX_Amp_u9p7[13]	28160

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Name	Input Value		
t_KeSatTbIX_Amp_u9p7[14]	28160		
t_KeSatTbIX_Amp_u9p7[15]	28160		
t_KeSatTbIY_Uls_u2p14[0]	32768		
t_KeSatTbIY_Uls_u2p14[1]	32768		
t_KeSatTbIY_Uls_u2p14[2]	32768		
t_KeSatTbIY_Uls_u2p14[3]	32768		
t_KeSatTbIY_Uls_u2p14[4]	32768		
t_KeSatTbIY_Uls_u2p14[5]	32768		
t_KeSatTbIY_Uls_u2p14[6]	32768		
t_KeSatTbIY_Uls_u2p14[7]	32768		
t_KeSatTbIY_Uls_u2p14[8]	32768		
t_KeSatTbIY_Uls_u2p14[9]	32768		
t_KeSatTbIY_Uls_u2p14[10]	32768		
t_KeSatTbIY_Uls_u2p14[11]	32768		
t_KeSatTbIY_Uls_u2p14[12]	32768		
t_KeSatTbIY_Uls_u2p14[13]	32768		
t_KeSatTbIY_Uls_u2p14[14]	32768		
t_KeSatTbIY_Uls_u2p14[15]	32768		
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	220		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	220		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	0	0	✔
MtrEstKe_VpRadpS_M_f32[0]	0.075000003	0.075000003	✔
MtrEstKe_VpRadpS_M_f32[1]	0.075000003	0.075000003	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.075000003	0.075000003	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000410000008	0.000410000008 ± 0.0000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000410000008	0.000410000008 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.125650004	0.125650004	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

Test Step 1.2 (Repeat Count = 1)	
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0670000017
EstRFF_Ohm_M_f32	0.0956560001
FastDataAccessBufIndex_Cnt_M_u16	1
MtrEstKe_VpRadpS_M_f32[0]	0.0299999993
MtrEstKe_VpRadpS_M_f32[1]	0.0309999995
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0299999993
k_MaxLdRngLmt_Henry_f32	0.000190000006
k_MaxLqRngLmt_Henry_f32	0.000310000003
k_MaxRRngLmt_Ohm_f32	0.125650004
k_MinKeRngLmt_VpRadpS_f32	0.0329999998
k_MinLdRngLmt_Henry_f32	0.000349999988
k_MinLqRngLmt_Henry_f32	0.000380000012
k_MinRRngLmt_Ohm_f32	0.0350000001
k_NomLd_Henry_f32	0.000319999992
k_NomLq_Henry_f32	0.000169999999
t2_CurrParamLdSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[1][2]	16384



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Name	Input Value
t2_CurrParamLdSatScIFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatScIFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatScIFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatScIFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatScIFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatScIFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatScIFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatScIFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatScIFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatScIFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatScIFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatScIFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatScIFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatScIFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatScIFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatScIFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatScIFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatScIFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatScIFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatScIFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatScIFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatScIFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatScIFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatScIFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatScIFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatScIFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatScIFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatScIFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatScIFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatScIFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatScIFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatScIFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatScIFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatScIFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatScIFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatScIFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatScIFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatScIFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatScIFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatScIFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatScIFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatScIFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatScIFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatScIFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatScIFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatScIFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatScIFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatScIFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatScIFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatScIFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatScIFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatScIFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatScIFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatScIFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatScIFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatScIFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatScIFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatScIFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatScIFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatScIFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatScIFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatScIFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatScIFac_Uls_u2p14[5][5]	21299

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CurrParamComp\_Per1

Name	Input Value		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][6]	22938		
t_CurrParamCompDaxRef_Amp_u9p7[0]	1280		
t_CurrParamCompDaxRef_Amp_u9p7[1]	25600		
t_CurrParamCompDaxRef_Amp_u9p7[2]	26880		
t_CurrParamCompDaxRef_Amp_u9p7[3]	27008		
t_CurrParamCompDaxRef_Amp_u9p7[4]	27136		
t_CurrParamCompDaxRef_Amp_u9p7[5]	16000		
t_CurrParamCompQaxRef_Amp_u9p7[0]	1280		
t_CurrParamCompQaxRef_Amp_u9p7[1]	2560		
t_CurrParamCompQaxRef_Amp_u9p7[2]	3840		
t_CurrParamCompQaxRef_Amp_u9p7[3]	5120		
t_CurrParamCompQaxRef_Amp_u9p7[4]	6400		
t_CurrParamCompQaxRef_Amp_u9p7[5]	7680		
t_CurrParamCompQaxRef_Amp_u9p7[6]	8960		
t_KeSatTblX_Amp_u9p7[0]	1408		
t_KeSatTblX_Amp_u9p7[1]	2816		
t_KeSatTblX_Amp_u9p7[2]	4224		
t_KeSatTblX_Amp_u9p7[3]	5632		
t_KeSatTblX_Amp_u9p7[4]	7040		
t_KeSatTblX_Amp_u9p7[5]	8448		
t_KeSatTblX_Amp_u9p7[6]	9856		
t_KeSatTblX_Amp_u9p7[7]	11264		
t_KeSatTblX_Amp_u9p7[8]	12672		
t_KeSatTblX_Amp_u9p7[9]	14080		
t_KeSatTblX_Amp_u9p7[10]	15360		
t_KeSatTblX_Amp_u9p7[11]	16640		
t_KeSatTblX_Amp_u9p7[12]	17920		
t_KeSatTblX_Amp_u9p7[13]	19200		
t_KeSatTblX_Amp_u9p7[14]	20480		
t_KeSatTblX_Amp_u9p7[15]	21760		
t_KeSatTblY_Uls_u2p14[0]	4096		
t_KeSatTblY_Uls_u2p14[1]	5734		
t_KeSatTblY_Uls_u2p14[2]	7373		
t_KeSatTblY_Uls_u2p14[3]	2458		
t_KeSatTblY_Uls_u2p14[4]	10650		
t_KeSatTblY_Uls_u2p14[5]	12288		
t_KeSatTblY_Uls_u2p14[6]	13926		
t_KeSatTblY_Uls_u2p14[7]	14082		
t_KeSatTblY_Uls_u2p14[8]	9011		
t_KeSatTblY_Uls_u2p14[9]	14254		
t_KeSatTblY_Uls_u2p14[10]	819		
t_KeSatTblY_Uls_u2p14[11]	14285		
t_KeSatTblY_Uls_u2p14[12]	14439		
t_KeSatTblY_Uls_u2p14[13]	6554		
t_KeSatTblY_Uls_u2p14[14]	14606		
t_KeSatTblY_Uls_u2p14[15]	16244		
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	19.3547993		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	16.368		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3:	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3:	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	0	0	✔
MtrEstKe_VpRadpS_M_f32[0]	0.0329999998	0.0329999998	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0309999995	0.0309999995	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0329999998	0.0329999998	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000349999988	0.000349999988 ± 0.0000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000380000012	0.000380000012 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0956560001	0.0956560001	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

**Test Case 2: Boundary Test**

TEST DETAILS REPORT

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CurrParamComp\_Per1

Specification	Performance Metrics (With "None" Instrumentation and WithPS Environment)
	CPU Cycles:
	TS2.1 2051.00 Cycles
	TS2.2 1819.00 Cycles
	TS2.3 1907.00 Cycles
	TS2.4 1907.00 Cycles
	TS2.5 1860.00 Cycles
	TS2.6 2030.00 Cycles
	TS2.7 2018.00 Cycles
	TS2.8 1883.00 Cycles
	TS2.9 1950.00 Cycles
	TS2.10 1931.00 Cycles
	TS2.11 1953.00 Cycles
	TS2.12 1953.00 Cycles
	TS2.13 1909.00 Cycles
	TS2.14 1858.00 Cycles
	TS2.15 1922.00 Cycles
	TS2.16 1952.00 Cycles
	TS2.17 1943.00 Cycles
	TS2.18 1970.00 Cycles
	TS2.19 2101.00 Cycles
	TS2.20 1964.00 Cycles
	TS2.21 1973.00 Cycles
	TS2.22 1993.00 Cycles
	TS2.23 1967.00 Cycles
	TS2.24 1942.00 Cycles
	TS2.25 1939.00 Cycles
	TS2.26 1939.00 Cycles
	TS2.27 2018.00 Cycles
	TS2.28 2028.00 Cycles
	TS2.29 1929.00 Cycles
	TS2.30 1950.00 Cycles
	TS2.31 1952.00 Cycles
	TS2.32 2039.00 Cycles
	TS2.33 1980.00 Cycles
	TS2.34 1979.00 Cycles
	TS2.35 2068.00 Cycles
	TS2.36 1991.00 Cycles
	TS2.37 1979.00 Cycles
	TS2.38 1979.00 Cycles
	TS2.39 2053.00 Cycles
	TS2.40 2052.00 Cycles
	TS2.41 2056.00 Cycles
	TS2.42 1957.00 Cycles
	TS2.43 2042.00 Cycles
	TS2.44 2069.00 Cycles
	TS2.45 1948.00 Cycles
	TS2.46 1957.00 Cycles
	TS2.47 1963.00 Cycles
	TS2.48 1998.00 Cycles
	TS2.49 1974.00 Cycles
	TS2.50 1939.00 Cycles
	TS2.51 1992.00 Cycles
	TS2.52 1981.00 Cycles
	TS2.53 1949.00 Cycles
	TS2.54 2047.00 Cycles
	TS2.55 2109.00 Cycles
	TS2.56 2062.00 Cycles
	TS2.57 1955.00 Cycles
	TS2.58 1955.00 Cycles
	TS2.59 2109.00 Cycles
	TS2.60 1909.00 Cycles
	TS2.61 1911.00 Cycles
	TS2.62 1921.00 Cycles

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CurrParamComp\_Per1

Description	Vector Description:
TS2.1All min	
TS2.2All max	
TS2.3MtrCurrQaxRef_Amp_f32 min	
TS2.4MtrCurrQaxRef_Amp_f32 max	
TS2.5MtrCurrQaxRef_Amp_f32 zero	
TS2.6MtrCurrQaxRef_Amp_f32 pos	
TS2.7MtrCurrQaxRef_Amp_f32 neg	
TS2.8MtrCurrDaxRef_Amp_f32 min	
TS2.9MtrCurrDaxRef_Amp_f32 max	
TS2.10MtrCurrDaxRef_Amp_f32 zero	
TS2.11MtrCurrDaxRef_Amp_f32 pos	
TS2.12MtrCurrDaxRef_Amp_f32 neg	
TS2.13t_KeSatTbIX_Amp_u9p7[16] min	
TS2.14t_KeSatTbIX_Amp_u9p7[16] max	
TS2.15t_KeSatTbIX_Amp_u9p7[16] pos	
TS2.16t_KeSatTbLY_Uls_u2p14[16] min	
TS2.17t_KeSatTbLY_Uls_u2p14[16] max	
TS2.18t_KeSatTbLY_Uls_u2p14[16] pos	
TS2.19t_CurrParamCompDaxRef_Amp_u9p7[6] min	
TS2.20t_CurrParamCompDaxRef_Amp_u9p7[6] max	
TS2.21t_CurrParamCompDaxRef_Amp_u9p7[6] pos	
TS2.22t_CurrParamCompQaxRef_Amp_u9p7[7] min	
TS2.23t_CurrParamCompQaxRef_Amp_u9p7[7] max	
TS2.24t_CurrParamCompQaxRef_Amp_u9p7[7] pos	
TS2.25EstKeFF_VpRadpS_M_f32 min	
TS2.26EstKeFF_VpRadpS_M_f32 max	
TS2.27EstKeFF_VpRadpS_M_f32 pos	
TS2.28EstRFF_Ohm_M_f32 min	
TS2.29EstRFF_Ohm_M_f32 max	
TS2.30EstRFF_Ohm_M_f32 pos	
TS2.31k_NomLq_Henry_f32 min	
TS2.32k_NomLq_Henry_f32 max	
TS2.33k_NomLq_Henry_f32 pos/Default	
TS2.34k_NomLd_Henry_f32 min	
TS2.35k_NomLd_Henry_f32 max	
TS2.36k_NomLd_Henry_f32 pos/Default	
TS2.37k_MinKeRngLmt_VpRadpS_f32 min	
TS2.38k_MinKeRngLmt_VpRadpS_f32 max	
TS2.39k_MinKeRngLmt_VpRadpS_f32 pos/Default	
TS2.40k_MaxKeRngLmt_VpRadpS_f32 min	
TS2.41k_MaxKeRngLmt_VpRadpS_f32 max	
TS2.42k_MaxKeRngLmt_VpRadpS_f32 pos/Default	
TS2.43k_MinRRngLmt_Ohm_f32 min	
TS2.44k_MinRRngLmt_Ohm_f32 max	
TS2.45k_MinRRngLmt_Ohm_f32 pos/Default	
TS2.46k_MaxRRngLmt_Ohm_f32 min	
TS2.47k_MaxRRngLmt_Ohm_f32 max	
TS2.48k_MaxRRngLmt_Ohm_f32 pos/Default	
TS2.49k_MinLqRngLmt_Henry_f32 min	
TS2.50k_MinLqRngLmt_Henry_f32 max	
TS2.51k_MinLqRngLmt_Henry_f32 pos/Default	
TS2.52k_MaxLqRngLmt_Henry_f32 min	
TS2.53k_MaxLqRngLmt_Henry_f32 max	
TS2.54k_MaxLqRngLmt_Henry_f32 pos/Default	
TS2.55k_MinLdRngLmt_Henry_f32 min	
TS2.56k_MinLdRngLmt_Henry_f32 max	
TS2.57k_MinLdRngLmt_Henry_f32 pos/Default	
TS2.58k_MaxLdRngLmt_Henry_f32 min	
TS2.59k_MaxLdRngLmt_Henry_f32 max	
TS2.60k_MaxLdRngLmt_Henry_f32 pos/Default	
TS2.61FastDataAccessBuIndex_Cnt_M_u16 min	
TS2.62FastDataAccessBuIndex_Cnt_M_u16 max	

Test Step 2.1 (Repeat Count = 1)	
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0250000004
EstRFF_Ohm_M_f32	0.00499999989
FastDataAccessBuIndex_Cnt_M_u16	0
MtrEstKe_VpRadpS_M_f32[0]	0.0250000004
MtrEstKe_VpRadpS_M_f32[1]	0.0250000004
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0250000004
k_MaxLdRngLmt_Henry_f32	2.99999992e-005
k_MaxLqRngLmt_Henry_f32	2.99999992e-005
k_MaxRRngLmt_Ohm_f32	0.00499999989
k_MinKeRngLmt_VpRadpS_f32	0.0250000004
k_MinLdRngLmt_Henry_f32	2.99999992e-005
k_MinLqRngLmt_Henry_f32	2.99999992e-005
k_MinRRngLmt_Ohm_f32	0.00499999989
k_NomLd_Henry_f32	2.99999992e-005
k_NomLq_Henry_f32	2.99999992e-005
t2_CurrParamLdSatSciFac_Uls_u2p14[0][0]	0
t2_CurrParamLdSatSciFac_Uls_u2p14[0][1]	0
t2_CurrParamLdSatSciFac_Uls_u2p14[0][2]	0
t2_CurrParamLdSatSciFac_Uls_u2p14[0][3]	0
t2_CurrParamLdSatSciFac_Uls_u2p14[0][4]	0

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Name	Input Value
t2_CurrParamLdSatSciFac_Uls_u2p14[0][5]	0
t2_CurrParamLdSatSciFac_Uls_u2p14[0][6]	0
t2_CurrParamLdSatSciFac_Uls_u2p14[1][0]	0
t2_CurrParamLdSatSciFac_Uls_u2p14[1][1]	0
t2_CurrParamLdSatSciFac_Uls_u2p14[1][2]	0
t2_CurrParamLdSatSciFac_Uls_u2p14[1][3]	0
t2_CurrParamLdSatSciFac_Uls_u2p14[1][4]	0
t2_CurrParamLdSatSciFac_Uls_u2p14[1][5]	0
t2_CurrParamLdSatSciFac_Uls_u2p14[1][6]	0
t2_CurrParamLdSatSciFac_Uls_u2p14[2][0]	0
t2_CurrParamLdSatSciFac_Uls_u2p14[2][1]	0
t2_CurrParamLdSatSciFac_Uls_u2p14[2][2]	0
t2_CurrParamLdSatSciFac_Uls_u2p14[2][3]	0
t2_CurrParamLdSatSciFac_Uls_u2p14[2][4]	0
t2_CurrParamLdSatSciFac_Uls_u2p14[2][5]	0
t2_CurrParamLdSatSciFac_Uls_u2p14[2][6]	0
t2_CurrParamLdSatSciFac_Uls_u2p14[3][0]	0
t2_CurrParamLdSatSciFac_Uls_u2p14[3][1]	0
t2_CurrParamLdSatSciFac_Uls_u2p14[3][2]	0
t2_CurrParamLdSatSciFac_Uls_u2p14[3][3]	0
t2_CurrParamLdSatSciFac_Uls_u2p14[3][4]	0
t2_CurrParamLdSatSciFac_Uls_u2p14[3][5]	0
t2_CurrParamLdSatSciFac_Uls_u2p14[3][6]	0
t2_CurrParamLdSatSciFac_Uls_u2p14[4][0]	0
t2_CurrParamLdSatSciFac_Uls_u2p14[4][1]	0
t2_CurrParamLdSatSciFac_Uls_u2p14[4][2]	0
t2_CurrParamLdSatSciFac_Uls_u2p14[4][3]	0
t2_CurrParamLdSatSciFac_Uls_u2p14[4][4]	0
t2_CurrParamLdSatSciFac_Uls_u2p14[4][5]	0
t2_CurrParamLdSatSciFac_Uls_u2p14[4][6]	0
t2_CurrParamLdSatSciFac_Uls_u2p14[5][0]	0
t2_CurrParamLdSatSciFac_Uls_u2p14[5][1]	0
t2_CurrParamLdSatSciFac_Uls_u2p14[5][2]	0
t2_CurrParamLdSatSciFac_Uls_u2p14[5][3]	0
t2_CurrParamLdSatSciFac_Uls_u2p14[5][4]	0
t2_CurrParamLdSatSciFac_Uls_u2p14[5][5]	0
t2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	0
t2_CurrParamLqSatSciFac_Uls_u2p14[0][0]	0
t2_CurrParamLqSatSciFac_Uls_u2p14[0][1]	0
t2_CurrParamLqSatSciFac_Uls_u2p14[0][2]	0
t2_CurrParamLqSatSciFac_Uls_u2p14[0][3]	0
t2_CurrParamLqSatSciFac_Uls_u2p14[0][4]	0
t2_CurrParamLqSatSciFac_Uls_u2p14[0][5]	0
t2_CurrParamLqSatSciFac_Uls_u2p14[0][6]	0
t2_CurrParamLqSatSciFac_Uls_u2p14[1][0]	0
t2_CurrParamLqSatSciFac_Uls_u2p14[1][1]	0
t2_CurrParamLqSatSciFac_Uls_u2p14[1][2]	0
t2_CurrParamLqSatSciFac_Uls_u2p14[1][3]	0
t2_CurrParamLqSatSciFac_Uls_u2p14[1][4]	0
t2_CurrParamLqSatSciFac_Uls_u2p14[1][5]	0
t2_CurrParamLqSatSciFac_Uls_u2p14[1][6]	0
t2_CurrParamLqSatSciFac_Uls_u2p14[2][0]	0
t2_CurrParamLqSatSciFac_Uls_u2p14[2][1]	0
t2_CurrParamLqSatSciFac_Uls_u2p14[2][2]	0
t2_CurrParamLqSatSciFac_Uls_u2p14[2][3]	0
t2_CurrParamLqSatSciFac_Uls_u2p14[2][4]	0
t2_CurrParamLqSatSciFac_Uls_u2p14[2][5]	0
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	0
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	0
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	0
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	0
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	0
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	0
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	0
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	0
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	0
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	0
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	0
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	0
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	0
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	0
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	0
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	0

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CurrParamComp\_Per1

Name	Input Value		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	0		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	0		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	0		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	0		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	0		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	0		
t_CurrParamCompDaxRef_Amp_u9p7[0]	0		
t_CurrParamCompDaxRef_Amp_u9p7[1]	0		
t_CurrParamCompDaxRef_Amp_u9p7[2]	0		
t_CurrParamCompDaxRef_Amp_u9p7[3]	0		
t_CurrParamCompDaxRef_Amp_u9p7[4]	0		
t_CurrParamCompDaxRef_Amp_u9p7[5]	0		
t_CurrParamCompQaxRef_Amp_u9p7[0]	0		
t_CurrParamCompQaxRef_Amp_u9p7[1]	0		
t_CurrParamCompQaxRef_Amp_u9p7[2]	0		
t_CurrParamCompQaxRef_Amp_u9p7[3]	0		
t_CurrParamCompQaxRef_Amp_u9p7[4]	0		
t_CurrParamCompQaxRef_Amp_u9p7[5]	0		
t_CurrParamCompQaxRef_Amp_u9p7[6]	0		
t_KeSatTblX_Amp_u9p7[0]	0		
t_KeSatTblX_Amp_u9p7[1]	0		
t_KeSatTblX_Amp_u9p7[2]	0		
t_KeSatTblX_Amp_u9p7[3]	0		
t_KeSatTblX_Amp_u9p7[4]	0		
t_KeSatTblX_Amp_u9p7[5]	0		
t_KeSatTblX_Amp_u9p7[6]	0		
t_KeSatTblX_Amp_u9p7[7]	0		
t_KeSatTblX_Amp_u9p7[8]	0		
t_KeSatTblX_Amp_u9p7[9]	0		
t_KeSatTblX_Amp_u9p7[10]	0		
t_KeSatTblX_Amp_u9p7[11]	0		
t_KeSatTblX_Amp_u9p7[12]	0		
t_KeSatTblX_Amp_u9p7[13]	0		
t_KeSatTblX_Amp_u9p7[14]	0		
t_KeSatTblX_Amp_u9p7[15]	0		
t_KeSatTblY_Uls_u2p14[0]	0		
t_KeSatTblY_Uls_u2p14[1]	0		
t_KeSatTblY_Uls_u2p14[2]	0		
t_KeSatTblY_Uls_u2p14[3]	0		
t_KeSatTblY_Uls_u2p14[4]	0		
t_KeSatTblY_Uls_u2p14[5]	0		
t_KeSatTblY_Uls_u2p14[6]	0		
t_KeSatTblY_Uls_u2p14[7]	0		
t_KeSatTblY_Uls_u2p14[8]	0		
t_KeSatTblY_Uls_u2p14[9]	0		
t_KeSatTblY_Uls_u2p14[10]	0		
t_KeSatTblY_Uls_u2p14[11]	0		
t_KeSatTblY_Uls_u2p14[12]	0		
t_KeSatTblY_Uls_u2p14[13]	0		
t_KeSatTblY_Uls_u2p14[14]	0		
t_KeSatTblY_Uls_u2p14[15]	0		
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	-220		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	-220		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3:	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3:	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	1	1	✓
MtrEstKe_VpRadpS_M_f32[0]	0.0250000004	0.0250000004	✓
MtrEstKe_VpRadpS_M_f32[1]	0.0250000004	0.0250000004	✓
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0250000004	0.0250000004	✓
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	2.99999992e-005	2.99999992e-005 ± 0.0000000009	✓
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	2.99999992e-005	2.99999992e-005 ± 0.0625	✓
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.00499999989	0.00499999989	✓

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CurrParamComp\_Per1

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

## Test Step 2.2 (Repeat Count = 1)

Name	Input Value
EstKeFF_VpRadpS_M_f32	0.075000003
EstRFF_Ohm_M_f32	0.125650004
FastDataAccessBufIndex_Cnt_M_u16	1
MtrEstKe_VpRadpS_M_f32[0]	0.075000003
MtrEstKe_VpRadpS_M_f32[1]	0.075000003
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.075000003
k_MaxLdRngLmt_Henry_f32	0.000410000008
k_MaxLqRngLmt_Henry_f32	0.000410000008
k_MaxRRngLmt_Ohm_f32	0.125650004
k_MinKeRngLmt_VpRadpS_f32	0.075000003
k_MinLdRngLmt_Henry_f32	0.000410000008
k_MinLqRngLmt_Henry_f32	0.000410000008
k_MinRRngLmt_Ohm_f32	0.125650004
k_NomLd_Henry_f32	0.000410000008
k_NomLq_Henry_f32	0.000410000008
t2_CurrParamLdSatSciFac_Uls_u2p14[0][0]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[0][1]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[0][2]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[0][3]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[0][4]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[0][5]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[0][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[1][0]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[1][1]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[1][2]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[1][3]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[1][4]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[1][5]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[1][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[2][0]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[2][1]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[2][2]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[2][3]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[2][4]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[2][5]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][0]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][1]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][2]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][3]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][4]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][5]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[4][0]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[4][1]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[4][2]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[4][3]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[4][4]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[4][5]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[4][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[5][0]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[5][1]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[5][2]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[5][3]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[5][4]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[5][5]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[0][0]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[0][1]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[0][2]	32768



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Name	Input Value
t2_CurrParamLqSatSciFac_Uls_u2p14[0][3]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[0][4]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[0][5]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[0][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[1][0]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[1][1]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[1][2]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[1][3]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[1][4]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[1][5]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[1][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[2][0]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[2][1]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[2][2]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[2][3]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[2][4]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[2][5]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	31130
t_CurrParamCompDaxRef_Amp_u9p7[0]	28160
t_CurrParamCompDaxRef_Amp_u9p7[1]	28160
t_CurrParamCompDaxRef_Amp_u9p7[2]	28160
t_CurrParamCompDaxRef_Amp_u9p7[3]	28160
t_CurrParamCompDaxRef_Amp_u9p7[4]	28160
t_CurrParamCompDaxRef_Amp_u9p7[5]	28160
t_CurrParamCompQaxRef_Amp_u9p7[0]	28160
t_CurrParamCompQaxRef_Amp_u9p7[1]	28160
t_CurrParamCompQaxRef_Amp_u9p7[2]	28160
t_CurrParamCompQaxRef_Amp_u9p7[3]	28160
t_CurrParamCompQaxRef_Amp_u9p7[4]	28160
t_CurrParamCompQaxRef_Amp_u9p7[5]	28160
t_CurrParamCompQaxRef_Amp_u9p7[6]	28160
t_KeSatTblX_Amp_u9p7[0]	28160
t_KeSatTblX_Amp_u9p7[1]	28160
t_KeSatTblX_Amp_u9p7[2]	28160
t_KeSatTblX_Amp_u9p7[3]	28160
t_KeSatTblX_Amp_u9p7[4]	28160
t_KeSatTblX_Amp_u9p7[5]	28160
t_KeSatTblX_Amp_u9p7[6]	28160
t_KeSatTblX_Amp_u9p7[7]	28160
t_KeSatTblX_Amp_u9p7[8]	28160
t_KeSatTblX_Amp_u9p7[9]	28160
t_KeSatTblX_Amp_u9p7[10]	28160
t_KeSatTblX_Amp_u9p7[11]	28160
t_KeSatTblX_Amp_u9p7[12]	28160
t_KeSatTblX_Amp_u9p7[13]	28160
t_KeSatTblX_Amp_u9p7[14]	28160
t_KeSatTblX_Amp_u9p7[15]	28160
t_KeSatTblY_Uls_u2p14[0]	32768
t_KeSatTblY_Uls_u2p14[1]	32768
t_KeSatTblY_Uls_u2p14[2]	32768
t_KeSatTblY_Uls_u2p14[3]	32768
t_KeSatTblY_Uls_u2p14[4]	32768

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Name	Input Value		
t_KeSatTbly_Uls_u2p14[5]	32768		
t_KeSatTbly_Uls_u2p14[6]	32768		
t_KeSatTbly_Uls_u2p14[7]	32768		
t_KeSatTbly_Uls_u2p14[8]	32768		
t_KeSatTbly_Uls_u2p14[9]	32768		
t_KeSatTbly_Uls_u2p14[10]	32768		
t_KeSatTbly_Uls_u2p14[11]	32768		
t_KeSatTbly_Uls_u2p14[12]	32768		
t_KeSatTbly_Uls_u2p14[13]	32768		
t_KeSatTbly_Uls_u2p14[14]	32768		
t_KeSatTbly_Uls_u2p14[15]	32768		
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	220		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	220		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	0	0	✔
MtrEstKe_VpRadpS_M_f32[0]	0.075000003	0.075000003	✔
MtrEstKe_VpRadpS_M_f32[1]	0.075000003	0.075000003	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.075000003	0.075000003	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000410000008	0.000410000008 ± 0.0000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000410000008	0.000410000008 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.125650004	0.125650004	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

Test Step 2.3 (Repeat Count = 1)	
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0260000005
EstRFF_Ohm_M_f32	0.00634500012
FastDataAccessBufIndex_Cnt_M_u16	0
MtrEstKe_VpRadpS_M_f32[0]	0.0260000005
MtrEstKe_VpRadpS_M_f32[1]	0.0270000007
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0309999995
k_MaxLdRngLmt_Henry_f32	5.99999985e-005
k_MaxLqRngLmt_Henry_f32	3.9999999e-005
k_MaxRRngLmt_Ohm_f32	0.0060000005
k_MinKeRngLmt_VpRadpS_f32	0.0710000023
k_MinLdRngLmt_Henry_f32	3.9999999e-005
k_MinLqRngLmt_Henry_f32	9.99999975e-005
k_MinRRngLmt_Ohm_f32	0.00899999961
k_NomLd_Henry_f32	3.9999999e-005
k_NomLq_Henry_f32	9.99999975e-005
t2_CurrParamLdSatScfFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatScfFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatScfFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatScfFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatScfFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatScfFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatScfFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatScfFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatScfFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatScfFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatScfFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatScfFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatScfFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatScfFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatScfFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatScfFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatScfFac_Uls_u2p14[2][2]	27853

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Name	Input Value
t2_CurrParamLdSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938
t_CurrParamCompDaxRef_Amp_u9p7[0]	1280
t_CurrParamCompDaxRef_Amp_u9p7[1]	2560
t_CurrParamCompDaxRef_Amp_u9p7[2]	3840
t_CurrParamCompDaxRef_Amp_u9p7[3]	5120
t_CurrParamCompDaxRef_Amp_u9p7[4]	6400
t_CurrParamCompDaxRef_Amp_u9p7[5]	7680

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CurrParamComp\_Per1

Name	Input Value		
t_CurrParamCompQaxRef_Amp_u9p7[0]	8960		
t_CurrParamCompQaxRef_Amp_u9p7[1]	10240		
t_CurrParamCompQaxRef_Amp_u9p7[2]	11520		
t_CurrParamCompQaxRef_Amp_u9p7[3]	12800		
t_CurrParamCompQaxRef_Amp_u9p7[4]	14080		
t_CurrParamCompQaxRef_Amp_u9p7[5]	15360		
t_CurrParamCompQaxRef_Amp_u9p7[6]	16640		
t_KeSatTblX_Amp_u9p7[0]	1280		
t_KeSatTblX_Amp_u9p7[1]	2560		
t_KeSatTblX_Amp_u9p7[2]	3840		
t_KeSatTblX_Amp_u9p7[3]	5120		
t_KeSatTblX_Amp_u9p7[4]	6400		
t_KeSatTblX_Amp_u9p7[5]	7680		
t_KeSatTblX_Amp_u9p7[6]	8960		
t_KeSatTblX_Amp_u9p7[7]	10240		
t_KeSatTblX_Amp_u9p7[8]	11520		
t_KeSatTblX_Amp_u9p7[9]	12800		
t_KeSatTblX_Amp_u9p7[10]	14080		
t_KeSatTblX_Amp_u9p7[11]	15360		
t_KeSatTblX_Amp_u9p7[12]	16640		
t_KeSatTblX_Amp_u9p7[13]	17920		
t_KeSatTblX_Amp_u9p7[14]	19200		
t_KeSatTblX_Amp_u9p7[15]	20480		
t_KeSatTblY_Uls_u2p14[0]	4915		
t_KeSatTblY_Uls_u2p14[1]	6554		
t_KeSatTblY_Uls_u2p14[2]	8192		
t_KeSatTblY_Uls_u2p14[3]	3277		
t_KeSatTblY_Uls_u2p14[4]	11469		
t_KeSatTblY_Uls_u2p14[5]	13107		
t_KeSatTblY_Uls_u2p14[6]	13271		
t_KeSatTblY_Uls_u2p14[7]	13984		
t_KeSatTblY_Uls_u2p14[8]	9830		
t_KeSatTblY_Uls_u2p14[9]	14336		
t_KeSatTblY_Uls_u2p14[10]	1638		
t_KeSatTblY_Uls_u2p14[11]	14549		
t_KeSatTblY_Uls_u2p14[12]	14623		
t_KeSatTblY_Uls_u2p14[13]	2458		
t_KeSatTblY_Uls_u2p14[14]	14982		
t_KeSatTblY_Uls_u2p14[15]	16356		
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	10.3260002		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	-220		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3:	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3:	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	1	1	✔
MtrEstKe_VpRadpS_M_f32[0]	0.0260000005	0.0260000005	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0710000023	0.0710000023	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0710000023	0.0710000023	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	3.9999999e-005	3.9999999e-005 ± 0.0000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	3.9999999e-005	3.9999999e-005 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.00600000005	0.00600000005	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

Test Step 2.4 (Repeat Count = 1)	
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0270000007
EstRFF_Ohm_M_f32	0.00733199995
FastDataAccessBufIndex_Cnt_M_u16	0
MtrEstKe_VpRadpS_M_f32[0]	0.0280000009
MtrEstKe_VpRadpS_M_f32[1]	0.0289999992

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CurrParamComp\_Per1

Name	Input Value
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0320000015
k_MaxLdRngLmt_Henry_f32	7.00000019e-005
k_MaxLqRngLmt_Henry_f32	4.99999987e-005
k_MaxRRngLmt_Ohm_f32	0.00700000022
k_MinKeRngLmt_VpRadpS_f32	0.0719999969
k_MinLdRngLmt_Henry_f32	4.99999987e-005
k_MinLqRngLmt_Henry_f32	0.000110000001
k_MinRRngLmt_Ohm_f32	0.00999999978
k_NomLd_Henry_f32	4.99999987e-005
k_NomLq_Henry_f32	0.000110000001
t2_CurrParamLdSatScIFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatScIFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatScIFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatScIFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatScIFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatScIFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatScIFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatScIFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatScIFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatScIFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatScIFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatScIFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatScIFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatScIFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatScIFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatScIFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatScIFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatScIFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatScIFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatScIFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatScIFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatScIFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatScIFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatScIFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatScIFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatScIFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatScIFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatScIFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatScIFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatScIFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatScIFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatScIFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatScIFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatScIFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatScIFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatScIFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatScIFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatScIFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatScIFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatScIFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatScIFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatScIFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatScIFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatScIFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatScIFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatScIFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatScIFac_Uls_u2p14[2][5]	31949

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CurrParamComp\_Per1

Name	Input Value
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938
t_CurrParamCompDaxRef_Amp_u9p7[0]	1408
t_CurrParamCompDaxRef_Amp_u9p7[1]	2816
t_CurrParamCompDaxRef_Amp_u9p7[2]	4224
t_CurrParamCompDaxRef_Amp_u9p7[3]	5632
t_CurrParamCompDaxRef_Amp_u9p7[4]	7040
t_CurrParamCompDaxRef_Amp_u9p7[5]	8448
t_CurrParamCompQaxRef_Amp_u9p7[0]	16640
t_CurrParamCompQaxRef_Amp_u9p7[1]	17920
t_CurrParamCompQaxRef_Amp_u9p7[2]	19200
t_CurrParamCompQaxRef_Amp_u9p7[3]	20480
t_CurrParamCompQaxRef_Amp_u9p7[4]	21760
t_CurrParamCompQaxRef_Amp_u9p7[5]	23040
t_CurrParamCompQaxRef_Amp_u9p7[6]	25600
t_KeSatTbIX_Amp_u9p7[0]	1408
t_KeSatTbIX_Amp_u9p7[1]	2816
t_KeSatTbIX_Amp_u9p7[2]	4224
t_KeSatTbIX_Amp_u9p7[3]	5632
t_KeSatTbIX_Amp_u9p7[4]	7040
t_KeSatTbIX_Amp_u9p7[5]	8448
t_KeSatTbIX_Amp_u9p7[6]	9856
t_KeSatTbIX_Amp_u9p7[7]	11264
t_KeSatTbIX_Amp_u9p7[8]	12672
t_KeSatTbIX_Amp_u9p7[9]	14080
t_KeSatTbIX_Amp_u9p7[10]	15360
t_KeSatTbIX_Amp_u9p7[11]	16640
t_KeSatTbIX_Amp_u9p7[12]	17920
t_KeSatTbIX_Amp_u9p7[13]	19200
t_KeSatTbIX_Amp_u9p7[14]	20480
t_KeSatTbIX_Amp_u9p7[15]	21760
t_KeSatTbIY_Uls_u2p14[0]	2130
t_KeSatTbIY_Uls_u2p14[1]	2294
t_KeSatTbIY_Uls_u2p14[2]	2458
t_KeSatTbIY_Uls_u2p14[3]	1966
t_KeSatTbIY_Uls_u2p14[4]	2785
t_KeSatTbIY_Uls_u2p14[5]	2949
t_KeSatTbIY_Uls_u2p14[6]	3113
t_KeSatTbIY_Uls_u2p14[7]	3277
t_KeSatTbIY_Uls_u2p14[8]	2621
t_KeSatTbIY_Uls_u2p14[9]	3441
t_KeSatTbIY_Uls_u2p14[10]	1802
t_KeSatTbIY_Uls_u2p14[11]	3604
t_KeSatTbIY_Uls_u2p14[12]	3768
t_KeSatTbIY_Uls_u2p14[13]	3932
t_KeSatTbIY_Uls_u2p14[14]	4096
t_KeSatTbIY_Uls_u2p14[15]	4260
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	11.2539997
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	220
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32

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CurrParamComp\_Per1

Name	Input Value		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	1	1	✔
MtrEstKe_VpRadpS_M_f32[0]	0.0280000009	0.0280000009	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0719999969	0.0719999969	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0719999969	0.0719999969	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	4.99999987e-005	4.99999987e-005 ± 0.0000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	4.99999987e-005	4.99999987e-005 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.00700000022	0.00700000022	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

Test Step 2.5 (Repeat Count = 1)	
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0280000009
EstRFF_Ohm_M_f32	0.00866552256
FastDataAccessBufIndex_Cnt_M_u16	0
MtrEstKe_VpRadpS_M_f32[0]	0.0299999993
MtrEstKe_VpRadpS_M_f32[1]	0.0309999995
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0329999998
k_MaxLdRngLmt_Henry_f32	7.9999998e-005
k_MaxLqRngLmt_Henry_f32	5.99999985e-005
k_MaxRRngLmt_Ohm_f32	0.00800000038
k_MinKeRngLmt_VpRadpS_f32	0.0729999989
k_MinLdRngLmt_Henry_f32	5.99999985e-005
k_MinLqRngLmt_Henry_f32	0.000119999997
k_MinRRngLmt_Ohm_f32	0.0109999999
k_NomLd_Henry_f32	5.99999985e-005
k_NomLq_Henry_f32	0.000119999997
t2_CurrParamLdSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[4][5]	9830



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CurrParamComp\_Per1

Name	Input Value
t2_CurrParamLdSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938
t_CurrParamCompDaxRef_Amp_u9p7[0]	8960
t_CurrParamCompDaxRef_Amp_u9p7[1]	10240
t_CurrParamCompDaxRef_Amp_u9p7[2]	11520
t_CurrParamCompDaxRef_Amp_u9p7[3]	12800
t_CurrParamCompDaxRef_Amp_u9p7[4]	14080
t_CurrParamCompDaxRef_Amp_u9p7[5]	15360
t_CurrParamCompQaxRef_Amp_u9p7[0]	24320
t_CurrParamCompQaxRef_Amp_u9p7[1]	25600
t_CurrParamCompQaxRef_Amp_u9p7[2]	26880
t_CurrParamCompQaxRef_Amp_u9p7[3]	27008
t_CurrParamCompQaxRef_Amp_u9p7[4]	27136
t_CurrParamCompQaxRef_Amp_u9p7[5]	16000
t_CurrParamCompQaxRef_Amp_u9p7[6]	17280
t_KeSatTbIX_Amp_u9p7[0]	640
t_KeSatTbIX_Amp_u9p7[1]	1920
t_KeSatTbIX_Amp_u9p7[2]	3200
t_KeSatTbIX_Amp_u9p7[3]	4480
t_KeSatTbIX_Amp_u9p7[4]	5760
t_KeSatTbIX_Amp_u9p7[5]	7040
t_KeSatTbIX_Amp_u9p7[6]	8320
t_KeSatTbIX_Amp_u9p7[7]	9600
t_KeSatTbIX_Amp_u9p7[8]	10880
t_KeSatTbIX_Amp_u9p7[9]	12160



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Name	Input Value
t_KeSatTbIX_Amp_u9p7[10]	13440
t_KeSatTbIX_Amp_u9p7[11]	14720
t_KeSatTbIX_Amp_u9p7[12]	16000
t_KeSatTbIX_Amp_u9p7[13]	17280
t_KeSatTbIX_Amp_u9p7[14]	18560
t_KeSatTbIX_Amp_u9p7[15]	19840
t_KeSatTbIY_Uls_u2p14[0]	4096
t_KeSatTbIY_Uls_u2p14[1]	5734
t_KeSatTbIY_Uls_u2p14[2]	7373
t_KeSatTbIY_Uls_u2p14[3]	2458
t_KeSatTbIY_Uls_u2p14[4]	10650
t_KeSatTbIY_Uls_u2p14[5]	12288
t_KeSatTbIY_Uls_u2p14[6]	13926
t_KeSatTbIY_Uls_u2p14[7]	14082
t_KeSatTbIY_Uls_u2p14[8]	9011
t_KeSatTbIY_Uls_u2p14[9]	14254
t_KeSatTbIY_Uls_u2p14[10]	819
t_KeSatTbIY_Uls_u2p14[11]	14285
t_KeSatTbIY_Uls_u2p14[12]	14439
t_KeSatTbIY_Uls_u2p14[13]	6554
t_KeSatTbIY_Uls_u2p14[14]	14606
t_KeSatTbIY_Uls_u2p14[15]	16244
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	12.1820002
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	0
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32

Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	1	1	✓
MtrEstKe_VpRadpS_M_f32[0]	0.0299999993	0.0299999993	✓
MtrEstKe_VpRadpS_M_f32[1]	0.0729999989	0.0729999989	✓
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0729999989	0.0729999989	✓
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	5.99999985e-005	5.99999985e-005 ± 0.0000000009	✓
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.00011999997	0.00011999997 ± 0.0625	✓
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.00800000038	0.00800000038	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

## Test Step 2.6 (Repeat Count = 1)

Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0289999992
EstRFF_Ohm_M_f32	0.00931234378
FastDataAccessBufIndex_Cnt_M_u16	0
MtrEstKe_VpRadpS_M_f32[0]	0.0410000011
MtrEstKe_VpRadpS_M_f32[1]	0.0450000018
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0340000018
k_MaxLdRngLmt_Henry_f32	9.00000014e-005
k_MaxLqRngLmt_Henry_f32	7.00000019e-005
k_MaxRRngLmt_Ohm_f32	0.00899999961
k_MinKeRngLmt_VpRadpS_f32	0.074000001
k_MinLdRngLmt_Henry_f32	7.00000019e-005
k_MinLqRngLmt_Henry_f32	0.00013
k_MinRRngLmt_Ohm_f32	0.0120000001
k_NomLd_Henry_f32	7.00000019e-005
k_NomLq_Henry_f32	0.00013
t2_CurrParamLdSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[0][5]	9830

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Name	Input Value
t2_CurrParamLdSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746

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CurrParamComp\_Per1

Name	Input Value		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938		
t_CurrParamCompDaxRef_Amp_u9p7[0]	16640		
t_CurrParamCompDaxRef_Amp_u9p7[1]	17920		
t_CurrParamCompDaxRef_Amp_u9p7[2]	19200		
t_CurrParamCompDaxRef_Amp_u9p7[3]	20480		
t_CurrParamCompDaxRef_Amp_u9p7[4]	21760		
t_CurrParamCompDaxRef_Amp_u9p7[5]	23040		
t_CurrParamCompQaxRef_Amp_u9p7[0]	1280		
t_CurrParamCompQaxRef_Amp_u9p7[1]	2560		
t_CurrParamCompQaxRef_Amp_u9p7[2]	3840		
t_CurrParamCompQaxRef_Amp_u9p7[3]	5120		
t_CurrParamCompQaxRef_Amp_u9p7[4]	6400		
t_CurrParamCompQaxRef_Amp_u9p7[5]	7680		
t_CurrParamCompQaxRef_Amp_u9p7[6]	8960		
t_KeSatTblX_Amp_u9p7[0]	1280		
t_KeSatTblX_Amp_u9p7[1]	2560		
t_KeSatTblX_Amp_u9p7[2]	3840		
t_KeSatTblX_Amp_u9p7[3]	5120		
t_KeSatTblX_Amp_u9p7[4]	6400		
t_KeSatTblX_Amp_u9p7[5]	7680		
t_KeSatTblX_Amp_u9p7[6]	8960		
t_KeSatTblX_Amp_u9p7[7]	10240		
t_KeSatTblX_Amp_u9p7[8]	11520		
t_KeSatTblX_Amp_u9p7[9]	12800		
t_KeSatTblX_Amp_u9p7[10]	14080		
t_KeSatTblX_Amp_u9p7[11]	15360		
t_KeSatTblX_Amp_u9p7[12]	16640		
t_KeSatTblX_Amp_u9p7[13]	17920		
t_KeSatTblX_Amp_u9p7[14]	19200		
t_KeSatTblX_Amp_u9p7[15]	20480		
t_KeSatTblY_Uls_u2p14[0]	1966		
t_KeSatTblY_Uls_u2p14[1]	2130		
t_KeSatTblY_Uls_u2p14[2]	2294		
t_KeSatTblY_Uls_u2p14[3]	1802		
t_KeSatTblY_Uls_u2p14[4]	2621		
t_KeSatTblY_Uls_u2p14[5]	2785		
t_KeSatTblY_Uls_u2p14[6]	3277		
t_KeSatTblY_Uls_u2p14[7]	4915		
t_KeSatTblY_Uls_u2p14[8]	2458		
t_KeSatTblY_Uls_u2p14[9]	6554		
t_KeSatTblY_Uls_u2p14[10]	1638		
t_KeSatTblY_Uls_u2p14[11]	8192		
t_KeSatTblY_Uls_u2p14[12]	9830		
t_KeSatTblY_Uls_u2p14[13]	11469		
t_KeSatTblY_Uls_u2p14[14]	13107		
t_KeSatTblY_Uls_u2p14[15]	14746		
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	13.1099997		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	100.25		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3:	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3:	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	1	1	✔
MtrEstKe_VpRadpS_M_f32[0]	0.0410000011	0.0410000011	✔
MtrEstKe_VpRadpS_M_f32[1]	0.074000001	0.074000001	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.074000001	0.074000001	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	7.00000019e-005	7.00000019e-005 ± 0.0000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	7.00000019e-005	7.00000019e-005 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.00899999961	0.00899999961	✔

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## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

## Test Step 2.7 (Repeat Count = 1)

Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0299999993
EstRFF_Ohm_M_f32	0.0123123396
FastDataAccessBufIndex_Cnt_M_u16	0
MtrEstKe_VpRadpS_M_f32[0]	0.0430000015
MtrEstKe_VpRadpS_M_f32[1]	0.0710000023
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0350000001
k_MaxLdRngLmt_Henry_f32	3.9999999e-005
k_MaxLqRngLmt_Henry_f32	7.9999998e-005
k_MaxRRngLmt_Ohm_f32	0.00999999978
k_MinKeRngLmt_VpRadpS_f32	0.0540000014
k_MinLdRngLmt_Henry_f32	7.9999998e-005
k_MinLqRngLmt_Henry_f32	0.000140000004
k_MinRRngLmt_Ohm_f32	0.0130000003
k_NomLd_Henry_f32	7.9999998e-005
k_NomLq_Henry_f32	0.000140000004
t2_CurrParamLdSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[0][2]	4915

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Name	Input Value
t2_CurrParamLqSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938
t_CurrParamCompDaxRef_Amp_u9p7[0]	24320
t_CurrParamCompDaxRef_Amp_u9p7[1]	25600
t_CurrParamCompDaxRef_Amp_u9p7[2]	26880
t_CurrParamCompDaxRef_Amp_u9p7[3]	27008
t_CurrParamCompDaxRef_Amp_u9p7[4]	27136
t_CurrParamCompDaxRef_Amp_u9p7[5]	16000
t_CurrParamCompQaxRef_Amp_u9p7[0]	1408
t_CurrParamCompQaxRef_Amp_u9p7[1]	2816
t_CurrParamCompQaxRef_Amp_u9p7[2]	4224
t_CurrParamCompQaxRef_Amp_u9p7[3]	5632
t_CurrParamCompQaxRef_Amp_u9p7[4]	7040
t_CurrParamCompQaxRef_Amp_u9p7[5]	8448
t_CurrParamCompQaxRef_Amp_u9p7[6]	9856
t_KeSatTblX_Amp_u9p7[0]	1280
t_KeSatTblX_Amp_u9p7[1]	2560
t_KeSatTblX_Amp_u9p7[2]	3840
t_KeSatTblX_Amp_u9p7[3]	5120
t_KeSatTblX_Amp_u9p7[4]	6400
t_KeSatTblX_Amp_u9p7[5]	7680
t_KeSatTblX_Amp_u9p7[6]	8960
t_KeSatTblX_Amp_u9p7[7]	10240
t_KeSatTblX_Amp_u9p7[8]	11520
t_KeSatTblX_Amp_u9p7[9]	12800
t_KeSatTblX_Amp_u9p7[10]	14080
t_KeSatTblX_Amp_u9p7[11]	15360
t_KeSatTblX_Amp_u9p7[12]	16640
t_KeSatTblX_Amp_u9p7[13]	17920
t_KeSatTblX_Amp_u9p7[14]	19200
t_KeSatTblX_Amp_u9p7[15]	20480
t_KeSatTblY_Uls_u2p14[0]	2130
t_KeSatTblY_Uls_u2p14[1]	2294
t_KeSatTblY_Uls_u2p14[2]	2458
t_KeSatTblY_Uls_u2p14[3]	1966
t_KeSatTblY_Uls_u2p14[4]	2785

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Name	Input Value		
t_KeSatTbIY_Uls_u2p14[5]	2949		
t_KeSatTbIY_Uls_u2p14[6]	3113		
t_KeSatTbIY_Uls_u2p14[7]	3277		
t_KeSatTbIY_Uls_u2p14[8]	2621		
t_KeSatTbIY_Uls_u2p14[9]	3441		
t_KeSatTbIY_Uls_u2p14[10]	1802		
t_KeSatTbIY_Uls_u2p14[11]	3604		
t_KeSatTbIY_Uls_u2p14[12]	3768		
t_KeSatTbIY_Uls_u2p14[13]	3932		
t_KeSatTbIY_Uls_u2p14[14]	4096		
t_KeSatTbIY_Uls_u2p14[15]	4260		
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	14.0380001		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	-100.389		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	1	1	✔
MtrEstKe_VpRadpS_M_f32[0]	0.0430000015	0.0430000015	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0540000014	0.0540000014	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0540000014	0.0540000014	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	3.9999999e-005	3.9999999e-005 ± 0.0000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	7.9999998e-005	7.9999998e-005 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.00999999978	0.00999999978	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

Test Step 2.8 (Repeat Count = 1)	
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0309999995
EstRFF_Ohm_M_f32	0.0111339996
FastDataAccessBufIndex_Cnt_M_u16	1
MtrEstKe_VpRadpS_M_f32[0]	0.06499999976
MtrEstKe_VpRadpS_M_f32[1]	0.0689999983
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0359999985
k_MaxLdRngLmt_Henry_f32	4.99999987e-005
k_MaxLqRngLmt_Henry_f32	9.00000014e-005
k_MaxRRngLmt_Ohm_f32	0.0109999999
k_MinKeRngLmt_VpRadpS_f32	0.0549999997
k_MinLdRngLmt_Henry_f32	9.00000014e-005
k_MinLqRngLmt_Henry_f32	0.00015000007
k_MinRRngLmt_Ohm_f32	0.0140000004
k_NomLd_Henry_f32	9.00000014e-005
k_NomLq_Henry_f32	0.00015000007
t2_CurrParamLdSatScIFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatScIFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatScIFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatScIFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatScIFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatScIFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatScIFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatScIFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatScIFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatScIFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatScIFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatScIFac_Uls_u2p14[2][2]	27853

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Name	Input Value
t2_CurrParamLdSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938
t_CurrParamCompDaxRef_Amp_u9p7[0]	1280
t_CurrParamCompDaxRef_Amp_u9p7[1]	2560
t_CurrParamCompDaxRef_Amp_u9p7[2]	3840
t_CurrParamCompDaxRef_Amp_u9p7[3]	5120
t_CurrParamCompDaxRef_Amp_u9p7[4]	6400
t_CurrParamCompDaxRef_Amp_u9p7[5]	7680



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CurrParamComp\_Per1

Name	Input Value		
t_CurrParamCompQaxRef_Amp_u9p7[0]	8960		
t_CurrParamCompQaxRef_Amp_u9p7[1]	10240		
t_CurrParamCompQaxRef_Amp_u9p7[2]	11520		
t_CurrParamCompQaxRef_Amp_u9p7[3]	12800		
t_CurrParamCompQaxRef_Amp_u9p7[4]	14080		
t_CurrParamCompQaxRef_Amp_u9p7[5]	15360		
t_CurrParamCompQaxRef_Amp_u9p7[6]	16640		
t_KeSatTblX_Amp_u9p7[0]	1408		
t_KeSatTblX_Amp_u9p7[1]	2816		
t_KeSatTblX_Amp_u9p7[2]	4224		
t_KeSatTblX_Amp_u9p7[3]	5632		
t_KeSatTblX_Amp_u9p7[4]	7040		
t_KeSatTblX_Amp_u9p7[5]	8448		
t_KeSatTblX_Amp_u9p7[6]	9856		
t_KeSatTblX_Amp_u9p7[7]	11264		
t_KeSatTblX_Amp_u9p7[8]	12672		
t_KeSatTblX_Amp_u9p7[9]	14080		
t_KeSatTblX_Amp_u9p7[10]	15360		
t_KeSatTblX_Amp_u9p7[11]	16640		
t_KeSatTblX_Amp_u9p7[12]	17920		
t_KeSatTblX_Amp_u9p7[13]	19200		
t_KeSatTblX_Amp_u9p7[14]	20480		
t_KeSatTblX_Amp_u9p7[15]	21760		
t_KeSatTblY_Uls_u2p14[0]	1802		
t_KeSatTblY_Uls_u2p14[1]	1966		
t_KeSatTblY_Uls_u2p14[2]	2130		
t_KeSatTblY_Uls_u2p14[3]	2458		
t_KeSatTblY_Uls_u2p14[4]	2458		
t_KeSatTblY_Uls_u2p14[5]	2621		
t_KeSatTblY_Uls_u2p14[6]	4096		
t_KeSatTblY_Uls_u2p14[7]	5734		
t_KeSatTblY_Uls_u2p14[8]	6554		
t_KeSatTblY_Uls_u2p14[9]	7373		
t_KeSatTblY_Uls_u2p14[10]	8192		
t_KeSatTblY_Uls_u2p14[11]	9011		
t_KeSatTblY_Uls_u2p14[12]	10650		
t_KeSatTblY_Uls_u2p14[13]	12288		
t_KeSatTblY_Uls_u2p14[14]	13926		
t_KeSatTblY_Uls_u2p14[15]	15565		
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	-220		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	10.3260002		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	0	0	✔
MtrEstKe_VpRadpS_M_f32[0]	0.0549999997	0.0549999997	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0689999983	0.0689999983	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0549999997	0.0549999997	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	4.99999987e-005	4.99999987e-005 ± 0.00000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	9.00000014e-005	9.00000014e-005 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0109999999	0.0109999999	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

Test Step 2.9 (Repeat Count = 1)	
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0320000015
EstRFF_Ohm_M_f32	0.0125323003
FastDataAccessBufIndex_Cnt_M_u16	1
MtrEstKe_VpRadpS_M_f32[0]	0.0260000005
MtrEstKe_VpRadpS_M_f32[1]	0.0270000007



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CurrParamComp\_Per1

Name	Input Value
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0370000005
k_MaxLdRngLmt_Henry_f32	5.99999985e-005
k_MaxLqRngLmt_Henry_f32	9.99999975e-005
k_MaxRRngLmt_Ohm_f32	0.0120000001
k_MinKeRngLmt_VpRadpS_f32	0.0560000017
k_MinLdRngLmt_Henry_f32	9.99999975e-005
k_MinLqRngLmt_Henry_f32	0.000159999996
k_MinRRngLmt_Ohm_f32	0.0149999997
k_NomLd_Henry_f32	9.99999975e-005
k_NomLq_Henry_f32	0.000159999996
t2_CurrParamLdSatScIFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatScIFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatScIFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatScIFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatScIFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatScIFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatScIFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatScIFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatScIFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatScIFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatScIFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatScIFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatScIFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatScIFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatScIFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatScIFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatScIFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatScIFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatScIFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatScIFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatScIFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatScIFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatScIFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatScIFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatScIFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatScIFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatScIFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatScIFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatScIFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatScIFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatScIFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatScIFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatScIFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatScIFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatScIFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatScIFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatScIFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatScIFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatScIFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatScIFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatScIFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatScIFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatScIFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatScIFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatScIFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatScIFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatScIFac_Uls_u2p14[2][5]	31949

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CurrParamComp\_Per1

Name	Input Value
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938
t_CurrParamCompDaxRef_Amp_u9p7[0]	1408
t_CurrParamCompDaxRef_Amp_u9p7[1]	2816
t_CurrParamCompDaxRef_Amp_u9p7[2]	4224
t_CurrParamCompDaxRef_Amp_u9p7[3]	5632
t_CurrParamCompDaxRef_Amp_u9p7[4]	7040
t_CurrParamCompDaxRef_Amp_u9p7[5]	8448
t_CurrParamCompQaxRef_Amp_u9p7[0]	16640
t_CurrParamCompQaxRef_Amp_u9p7[1]	17920
t_CurrParamCompQaxRef_Amp_u9p7[2]	19200
t_CurrParamCompQaxRef_Amp_u9p7[3]	20480
t_CurrParamCompQaxRef_Amp_u9p7[4]	21760
t_CurrParamCompQaxRef_Amp_u9p7[5]	23040
t_CurrParamCompQaxRef_Amp_u9p7[6]	25600
t_KeSatTbIX_Amp_u9p7[0]	640
t_KeSatTbIX_Amp_u9p7[1]	1920
t_KeSatTbIX_Amp_u9p7[2]	3200
t_KeSatTbIX_Amp_u9p7[3]	4480
t_KeSatTbIX_Amp_u9p7[4]	5760
t_KeSatTbIX_Amp_u9p7[5]	7040
t_KeSatTbIX_Amp_u9p7[6]	8320
t_KeSatTbIX_Amp_u9p7[7]	9600
t_KeSatTbIX_Amp_u9p7[8]	10880
t_KeSatTbIX_Amp_u9p7[9]	12160
t_KeSatTbIX_Amp_u9p7[10]	13440
t_KeSatTbIX_Amp_u9p7[11]	14720
t_KeSatTbIX_Amp_u9p7[12]	16000
t_KeSatTbIX_Amp_u9p7[13]	17280
t_KeSatTbIX_Amp_u9p7[14]	18560
t_KeSatTbIX_Amp_u9p7[15]	19840
t_KeSatTbIY_Uls_u2p14[0]	1966
t_KeSatTbIY_Uls_u2p14[1]	2130
t_KeSatTbIY_Uls_u2p14[2]	2294
t_KeSatTbIY_Uls_u2p14[3]	1802
t_KeSatTbIY_Uls_u2p14[4]	2621
t_KeSatTbIY_Uls_u2p14[5]	2785
t_KeSatTbIY_Uls_u2p14[6]	3277
t_KeSatTbIY_Uls_u2p14[7]	4915
t_KeSatTbIY_Uls_u2p14[8]	2458
t_KeSatTbIY_Uls_u2p14[9]	6554
t_KeSatTbIY_Uls_u2p14[10]	1638
t_KeSatTbIY_Uls_u2p14[11]	8192
t_KeSatTbIY_Uls_u2p14[12]	9830
t_KeSatTbIY_Uls_u2p14[13]	11469
t_KeSatTbIY_Uls_u2p14[14]	13107
t_KeSatTbIY_Uls_u2p14[15]	14746
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	220
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	11.2539997
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32

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CurrParamComp\_Per1

Name	Input Value		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	0	0	✔
MtrEstKe_VpRadpS_M_f32[0]	0.0560000017	0.0560000017	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0270000007	0.0270000007	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0560000017	0.0560000017	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	5.99999985e-005	5.99999985e-005 ± 0.0000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	9.99999975e-005	9.99999975e-005 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0120000001	0.0120000001	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

Test Step 2.10 (Repeat Count = 1)	
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0329999998
EstRFF_Ohm_M_f32	0.0132443998
FastDataAccessBufIndex_Cnt_M_u16	1
MtrEstKe_VpRadpS_M_f32[0]	0.0280000009
MtrEstKe_VpRadpS_M_f32[1]	0.0289999992
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0379999988
k_MaxLdRngLmt_Henry_f32	7.00000019e-005
k_MaxLqRngLmt_Henry_f32	0.0002699999
k_MaxRRngLmt_Ohm_f32	0.0130000003
k_MinKeRngLmt_VpRadpS_f32	0.057
k_MinLdRngLmt_Henry_f32	0.000119999997
k_MinLqRngLmt_Henry_f32	0.000169999999
k_MinRRngLmt_Ohm_f32	0.0160000008
k_NomLd_Henry_f32	0.000110000001
k_NomLq_Henry_f32	0.000169999999
t2_CurrParamLdSatScIFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatScIFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatScIFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatScIFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatScIFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatScIFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatScIFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatScIFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatScIFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatScIFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatScIFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatScIFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatScIFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatScIFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatScIFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatScIFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatScIFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatScIFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatScIFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatScIFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatScIFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[4][5]	9830

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Name	Input Value
t2_CurrParamLdSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938
t_CurrParamCompDaxRef_Amp_u9p7[0]	8960
t_CurrParamCompDaxRef_Amp_u9p7[1]	10240
t_CurrParamCompDaxRef_Amp_u9p7[2]	11520
t_CurrParamCompDaxRef_Amp_u9p7[3]	12800
t_CurrParamCompDaxRef_Amp_u9p7[4]	14080
t_CurrParamCompDaxRef_Amp_u9p7[5]	15360
t_CurrParamCompQaxRef_Amp_u9p7[0]	24320
t_CurrParamCompQaxRef_Amp_u9p7[1]	25600
t_CurrParamCompQaxRef_Amp_u9p7[2]	26880
t_CurrParamCompQaxRef_Amp_u9p7[3]	27008
t_CurrParamCompQaxRef_Amp_u9p7[4]	27136
t_CurrParamCompQaxRef_Amp_u9p7[5]	16000
t_CurrParamCompQaxRef_Amp_u9p7[6]	17280
t_KeSatTblX_Amp_u9p7[0]	1280
t_KeSatTblX_Amp_u9p7[1]	2560
t_KeSatTblX_Amp_u9p7[2]	3840
t_KeSatTblX_Amp_u9p7[3]	5120
t_KeSatTblX_Amp_u9p7[4]	6400
t_KeSatTblX_Amp_u9p7[5]	7680
t_KeSatTblX_Amp_u9p7[6]	8960
t_KeSatTblX_Amp_u9p7[7]	10240
t_KeSatTblX_Amp_u9p7[8]	11520
t_KeSatTblX_Amp_u9p7[9]	12800

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Name	Input Value
t_KeSatTbIX_Amp_u9p7[10]	14080
t_KeSatTbIX_Amp_u9p7[11]	15360
t_KeSatTbIX_Amp_u9p7[12]	16640
t_KeSatTbIX_Amp_u9p7[13]	17920
t_KeSatTbIX_Amp_u9p7[14]	19200
t_KeSatTbIX_Amp_u9p7[15]	20480
t_KeSatTbIY_Uls_u2p14[0]	2130
t_KeSatTbIY_Uls_u2p14[1]	2294
t_KeSatTbIY_Uls_u2p14[2]	2458
t_KeSatTbIY_Uls_u2p14[3]	1966
t_KeSatTbIY_Uls_u2p14[4]	2785
t_KeSatTbIY_Uls_u2p14[5]	2949
t_KeSatTbIY_Uls_u2p14[6]	3113
t_KeSatTbIY_Uls_u2p14[7]	3277
t_KeSatTbIY_Uls_u2p14[8]	2621
t_KeSatTbIY_Uls_u2p14[9]	3441
t_KeSatTbIY_Uls_u2p14[10]	1802
t_KeSatTbIY_Uls_u2p14[11]	3604
t_KeSatTbIY_Uls_u2p14[12]	3768
t_KeSatTbIY_Uls_u2p14[13]	3932
t_KeSatTbIY_Uls_u2p14[14]	4096
t_KeSatTbIY_Uls_u2p14[15]	4260
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	0
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	12.1820002
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32

Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	0	0	✓
MtrEstKe_VpRadpS_M_f32[0]	0.057	0.057	✓
MtrEstKe_VpRadpS_M_f32[1]	0.0289999992	0.0289999992	✓
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.057	0.057	✓
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000119999997	0.000119999997 ± 0.0000000009	✓
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000169999999	0.000169999999 ± 0.0625	✓
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0130000003	0.0130000003	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

## Test Step 2.11 (Repeat Count = 1)

Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0340000018
EstRFF_Ohm_M_f32	0.0145234996
FastDataAccessBufIndex_Cnt_M_u16	1
MtrEstKe_VpRadpS_M_f32[0]	0.0299999993
MtrEstKe_VpRadpS_M_f32[1]	0.0309999995
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0390000008
k_MaxLdRngLmt_Henry_f32	7.9999998e-005
k_MaxLqRngLmt_Henry_f32	0.000280000007
k_MaxRRngLmt_Ohm_f32	0.0140000004
k_MinKeRngLmt_VpRadpS_f32	0.0579999983
k_MinLdRngLmt_Henry_f32	0.00013
k_MinLqRngLmt_Henry_f32	0.000180000003
k_MinRRngLmt_Ohm_f32	0.0170000009
k_NomLd_Henry_f32	0.000119999997
k_NomLq_Henry_f32	0.000180000003
t2_CurrParamLdSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[0][5]	9830

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Name	Input Value
t2_CurrParamLdSatScIFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatScIFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatScIFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatScIFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatScIFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatScIFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatScIFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatScIFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatScIFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatScIFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatScIFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatScIFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatScIFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatScIFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatScIFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatScIFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatScIFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatScIFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatScIFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatScIFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatScIFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatScIFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatScIFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatScIFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatScIFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatScIFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatScIFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatScIFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatScIFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatScIFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatScIFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatScIFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatScIFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatScIFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatScIFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatScIFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatScIFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatScIFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatScIFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatScIFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatScIFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatScIFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatScIFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatScIFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatScIFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatScIFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatScIFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatScIFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatScIFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatScIFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatScIFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatScIFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatScIFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatScIFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatScIFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatScIFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatScIFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatScIFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatScIFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatScIFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatScIFac_Uls_u2p14[5][1]	14746

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Name	Input Value		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938		
t_CurrParamCompDaxRef_Amp_u9p7[0]	16640		
t_CurrParamCompDaxRef_Amp_u9p7[1]	17920		
t_CurrParamCompDaxRef_Amp_u9p7[2]	19200		
t_CurrParamCompDaxRef_Amp_u9p7[3]	20480		
t_CurrParamCompDaxRef_Amp_u9p7[4]	21760		
t_CurrParamCompDaxRef_Amp_u9p7[5]	23040		
t_CurrParamCompQaxRef_Amp_u9p7[0]	1280		
t_CurrParamCompQaxRef_Amp_u9p7[1]	2560		
t_CurrParamCompQaxRef_Amp_u9p7[2]	3840		
t_CurrParamCompQaxRef_Amp_u9p7[3]	5120		
t_CurrParamCompQaxRef_Amp_u9p7[4]	6400		
t_CurrParamCompQaxRef_Amp_u9p7[5]	7680		
t_CurrParamCompQaxRef_Amp_u9p7[6]	8960		
t_KeSatTblX_Amp_u9p7[0]	1408		
t_KeSatTblX_Amp_u9p7[1]	2816		
t_KeSatTblX_Amp_u9p7[2]	4224		
t_KeSatTblX_Amp_u9p7[3]	5632		
t_KeSatTblX_Amp_u9p7[4]	7040		
t_KeSatTblX_Amp_u9p7[5]	8448		
t_KeSatTblX_Amp_u9p7[6]	9856		
t_KeSatTblX_Amp_u9p7[7]	11264		
t_KeSatTblX_Amp_u9p7[8]	12672		
t_KeSatTblX_Amp_u9p7[9]	14080		
t_KeSatTblX_Amp_u9p7[10]	15360		
t_KeSatTblX_Amp_u9p7[11]	16640		
t_KeSatTblX_Amp_u9p7[12]	17920		
t_KeSatTblX_Amp_u9p7[13]	19200		
t_KeSatTblX_Amp_u9p7[14]	20480		
t_KeSatTblX_Amp_u9p7[15]	21760		
t_KeSatTblY_Uls_u2p14[0]	1966		
t_KeSatTblY_Uls_u2p14[1]	2130		
t_KeSatTblY_Uls_u2p14[2]	6554		
t_KeSatTblY_Uls_u2p14[3]	1802		
t_KeSatTblY_Uls_u2p14[4]	2621		
t_KeSatTblY_Uls_u2p14[5]	2784		
t_KeSatTblY_Uls_u2p14[6]	4096		
t_KeSatTblY_Uls_u2p14[7]	5734		
t_KeSatTblY_Uls_u2p14[8]	2458		
t_KeSatTblY_Uls_u2p14[9]	7373		
t_KeSatTblY_Uls_u2p14[10]	8192		
t_KeSatTblY_Uls_u2p14[11]	9011		
t_KeSatTblY_Uls_u2p14[12]	10650		
t_KeSatTblY_Uls_u2p14[13]	12288		
t_KeSatTblY_Uls_u2p14[14]	13926		
t_KeSatTblY_Uls_u2p14[15]	15565		
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	100		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	13.1099997		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3:	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3:	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	0	0	✔
MtrEstKe_VpRadpS_M_f32[0]	0.0579999983	0.0579999983	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0309999995	0.0309999995	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0579999983	0.0579999983	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.00013	0.00013 ± 0.0000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000180000003	0.000180000003 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0140000004	0.0140000004	✔



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CurrParamComp\_Per1

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

## Test Step 2.12 (Repeat Count = 1)

Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0350000001
EstRFF_Ohm_M_f32	0.0155450003
FastDataAccessBufIndex_Cnt_M_u16	1
MtrEstKe_VpRadpS_M_f32[0]	0.0410000011
MtrEstKe_VpRadpS_M_f32[1]	0.0450000018
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0399999991
k_MaxLdRngLmt_Henry_f32	9.00000014e-005
k_MaxLqRngLmt_Henry_f32	0.000289999996
k_MaxRRngLmt_Ohm_f32	0.0149999997
k_MinKeRngLmt_VpRadpS_f32	0.0590000004
k_MinLdRngLmt_Henry_f32	0.000140000004
k_MinLqRngLmt_Henry_f32	0.000190000006
k_MinRRngLmt_Ohm_f32	0.0179999992
k_NomLd_Henry_f32	0.00013
k_NomLq_Henry_f32	0.000190000006
t2_CurrParamLdSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[0][2]	4915



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Name	Input Value
t2_CurrParamLqSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938
t_CurrParamCompDaxRef_Amp_u9p7[0]	24320
t_CurrParamCompDaxRef_Amp_u9p7[1]	25600
t_CurrParamCompDaxRef_Amp_u9p7[2]	26880
t_CurrParamCompDaxRef_Amp_u9p7[3]	27008
t_CurrParamCompDaxRef_Amp_u9p7[4]	27136
t_CurrParamCompDaxRef_Amp_u9p7[5]	16000
t_CurrParamCompQaxRef_Amp_u9p7[0]	1408
t_CurrParamCompQaxRef_Amp_u9p7[1]	2816
t_CurrParamCompQaxRef_Amp_u9p7[2]	4224
t_CurrParamCompQaxRef_Amp_u9p7[3]	5632
t_CurrParamCompQaxRef_Amp_u9p7[4]	7040
t_CurrParamCompQaxRef_Amp_u9p7[5]	8448
t_CurrParamCompQaxRef_Amp_u9p7[6]	9856
t_KeSatTbIX_Amp_u9p7[0]	640
t_KeSatTbIX_Amp_u9p7[1]	1920
t_KeSatTbIX_Amp_u9p7[2]	3200
t_KeSatTbIX_Amp_u9p7[3]	4480
t_KeSatTbIX_Amp_u9p7[4]	5760
t_KeSatTbIX_Amp_u9p7[5]	7040
t_KeSatTbIX_Amp_u9p7[6]	8320
t_KeSatTbIX_Amp_u9p7[7]	9600
t_KeSatTbIX_Amp_u9p7[8]	10880
t_KeSatTbIX_Amp_u9p7[9]	12160
t_KeSatTbIX_Amp_u9p7[10]	13440
t_KeSatTbIX_Amp_u9p7[11]	14720
t_KeSatTbIX_Amp_u9p7[12]	16000
t_KeSatTbIX_Amp_u9p7[13]	17280
t_KeSatTbIX_Amp_u9p7[14]	18560
t_KeSatTbIX_Amp_u9p7[15]	19840
t_KeSatTbIY_Uls_u2p14[0]	1966
t_KeSatTbIY_Uls_u2p14[1]	2130
t_KeSatTbIY_Uls_u2p14[2]	2294
t_KeSatTbIY_Uls_u2p14[3]	1802
t_KeSatTbIY_Uls_u2p14[4]	2621

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CurrParamComp\_Per1

Name	Input Value
t_KeSatTbIY_Uls_u2p14[5]	2785
t_KeSatTbIY_Uls_u2p14[6]	3277
t_KeSatTbIY_Uls_u2p14[7]	4915
t_KeSatTbIY_Uls_u2p14[8]	2458
t_KeSatTbIY_Uls_u2p14[9]	6554
t_KeSatTbIY_Uls_u2p14[10]	1638
t_KeSatTbIY_Uls_u2p14[11]	8192
t_KeSatTbIY_Uls_u2p14[12]	9830
t_KeSatTbIY_Uls_u2p14[13]	11469
t_KeSatTbIY_Uls_u2p14[14]	13107
t_KeSatTbIY_Uls_u2p14[15]	14746
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	-100
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	14.0380001
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32

Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	0	0	✓
MtrEstKe_VpRadpS_M_f32[0]	0.0590000004	0.0590000004	✓
MtrEstKe_VpRadpS_M_f32[1]	0.0450000018	0.0450000018	✓
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0590000004	0.0590000004	✓
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000140000004	0.000140000004 ± 0.0000000009	✓
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000190000006	0.000190000006 ± 0.0625	✓
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0149999997	0.0149999997	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

## Test Step 2.13 (Repeat Count = 1)

Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0359999985
EstRFF_Ohm_M_f32	0.0161220003
FastDataAccessBufIndex_Cnt_M_u16	0
MtrEstKe_VpRadpS_M_f32[0]	0.0430000015
MtrEstKe_VpRadpS_M_f32[1]	0.0710000023
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0410000011
k_MaxLdRngLmt_Henry_f32	9.99999975e-005
k_MaxLqRngLmt_Henry_f32	0.000300000014
k_MaxRRngLmt_Ohm_f32	0.0160000008
k_MinKeRngLmt_VpRadpS_f32	0.0599999987
k_MinLdRngLmt_Henry_f32	0.000150000007
k_MinLqRngLmt_Henry_f32	0.000199999995
k_MinRRngLmt_Ohm_f32	0.0189999994
k_NomLd_Henry_f32	0.000140000004
k_NomLq_Henry_f32	0.000199999995
t2_CurrParamLdSatScfFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatScfFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatScfFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatScfFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatScfFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatScfFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatScfFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatScfFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatScfFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatScfFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatScfFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatScfFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatScfFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatScfFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatScfFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatScfFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatScfFac_Uls_u2p14[2][2]	27853

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CurrParamComp\_Per1

Name	Input Value
t2_CurrParamLdSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938
t_CurrParamCompDaxRef_Amp_u9p7[0]	1280
t_CurrParamCompDaxRef_Amp_u9p7[1]	2560
t_CurrParamCompDaxRef_Amp_u9p7[2]	3840
t_CurrParamCompDaxRef_Amp_u9p7[3]	5120
t_CurrParamCompDaxRef_Amp_u9p7[4]	6400
t_CurrParamCompDaxRef_Amp_u9p7[5]	7680

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CurrParamComp\_Per1

Name	Input Value		
t_CurrParamCompQaxRef_Amp_u9p7[0]	8960		
t_CurrParamCompQaxRef_Amp_u9p7[1]	10240		
t_CurrParamCompQaxRef_Amp_u9p7[2]	11520		
t_CurrParamCompQaxRef_Amp_u9p7[3]	12800		
t_CurrParamCompQaxRef_Amp_u9p7[4]	14080		
t_CurrParamCompQaxRef_Amp_u9p7[5]	15360		
t_CurrParamCompQaxRef_Amp_u9p7[6]	16640		
t_KeSatTbIX_Amp_u9p7[0]	0		
t_KeSatTbIX_Amp_u9p7[1]	0		
t_KeSatTbIX_Amp_u9p7[2]	0		
t_KeSatTbIX_Amp_u9p7[3]	0		
t_KeSatTbIX_Amp_u9p7[4]	0		
t_KeSatTbIX_Amp_u9p7[5]	0		
t_KeSatTbIX_Amp_u9p7[6]	0		
t_KeSatTbIX_Amp_u9p7[7]	0		
t_KeSatTbIX_Amp_u9p7[8]	0		
t_KeSatTbIX_Amp_u9p7[9]	0		
t_KeSatTbIX_Amp_u9p7[10]	0		
t_KeSatTbIX_Amp_u9p7[11]	0		
t_KeSatTbIX_Amp_u9p7[12]	0		
t_KeSatTbIX_Amp_u9p7[13]	0		
t_KeSatTbIX_Amp_u9p7[14]	0		
t_KeSatTbIX_Amp_u9p7[15]	0		
t_KeSatTbIY_Uls_u2p14[0]	2130		
t_KeSatTbIY_Uls_u2p14[1]	2294		
t_KeSatTbIY_Uls_u2p14[2]	2458		
t_KeSatTbIY_Uls_u2p14[3]	1966		
t_KeSatTbIY_Uls_u2p14[4]	2785		
t_KeSatTbIY_Uls_u2p14[5]	2949		
t_KeSatTbIY_Uls_u2p14[6]	3113		
t_KeSatTbIY_Uls_u2p14[7]	3277		
t_KeSatTbIY_Uls_u2p14[8]	2621		
t_KeSatTbIY_Uls_u2p14[9]	3441		
t_KeSatTbIY_Uls_u2p14[10]	1802		
t_KeSatTbIY_Uls_u2p14[11]	3604		
t_KeSatTbIY_Uls_u2p14[12]	3768		
t_KeSatTbIY_Uls_u2p14[13]	3932		
t_KeSatTbIY_Uls_u2p14[14]	4096		
t_KeSatTbIY_Uls_u2p14[15]	4260		
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	27.0300007		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	14.9659996		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	1	1	✔
MtrEstKe_VpRadpS_M_f32[0]	0.0430000015	0.0430000015	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0599999987	0.0599999987	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0599999987	0.0599999987	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	9.9999975e-005	9.9999975e-005 ± 0.000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000258325192	0.000258324988 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0160000008	0.0160000008	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

Test Step 2.14 (Repeat Count = 1)	
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0370000005
EstRFF_Ohm_M_f32	0.0175345
FastDataAccessBufIndex_Cnt_M_u16	0
MtrEstKe_VpRadpS_M_f32[0]	0.0649999976
MtrEstKe_VpRadpS_M_f32[1]	0.0689999983

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Name	Input Value
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0419999994
k_MaxLdRngLmt_Henry_f32	0.000119999997
k_MaxLqRngLmt_Henry_f32	0.000330364011
k_MaxRRngLmt_Ohm_f32	0.0170000009
k_MinKeRngLmt_VpRadpS_f32	0.0610000007
k_MinLdRngLmt_Henry_f32	0.000159999996
k_MinLqRngLmt_Henry_f32	0.000209999998
k_MinRRngLmt_Ohm_f32	0.0199999996
k_NomLd_Henry_f32	0.000150000007
k_NomLq_Henry_f32	0.000209999998
t2_CurrParamLdSatScIFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatScIFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatScIFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatScIFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatScIFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatScIFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatScIFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatScIFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatScIFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatScIFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatScIFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatScIFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatScIFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatScIFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatScIFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatScIFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatScIFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatScIFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatScIFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatScIFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatScIFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatScIFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatScIFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatScIFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatScIFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatScIFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatScIFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatScIFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatScIFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatScIFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatScIFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatScIFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatScIFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatScIFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatScIFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatScIFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatScIFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatScIFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatScIFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatScIFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatScIFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatScIFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatScIFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatScIFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatScIFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatScIFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatScIFac_Uls_u2p14[2][5]	31949

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CurrParamComp\_Per1

Name	Input Value
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938
t_CurrParamCompDaxRef_Amp_u9p7[0]	1408
t_CurrParamCompDaxRef_Amp_u9p7[1]	2816
t_CurrParamCompDaxRef_Amp_u9p7[2]	4224
t_CurrParamCompDaxRef_Amp_u9p7[3]	5632
t_CurrParamCompDaxRef_Amp_u9p7[4]	7040
t_CurrParamCompDaxRef_Amp_u9p7[5]	8448
t_CurrParamCompQaxRef_Amp_u9p7[0]	16640
t_CurrParamCompQaxRef_Amp_u9p7[1]	17920
t_CurrParamCompQaxRef_Amp_u9p7[2]	19200
t_CurrParamCompQaxRef_Amp_u9p7[3]	20480
t_CurrParamCompQaxRef_Amp_u9p7[4]	21760
t_CurrParamCompQaxRef_Amp_u9p7[5]	23040
t_CurrParamCompQaxRef_Amp_u9p7[6]	25600
t_KeSatTblX_Amp_u9p7[0]	28160
t_KeSatTblX_Amp_u9p7[1]	28160
t_KeSatTblX_Amp_u9p7[2]	28160
t_KeSatTblX_Amp_u9p7[3]	28160
t_KeSatTblX_Amp_u9p7[4]	28160
t_KeSatTblX_Amp_u9p7[5]	28160
t_KeSatTblX_Amp_u9p7[6]	28160
t_KeSatTblX_Amp_u9p7[7]	28160
t_KeSatTblX_Amp_u9p7[8]	28160
t_KeSatTblX_Amp_u9p7[9]	28160
t_KeSatTblX_Amp_u9p7[10]	28160
t_KeSatTblX_Amp_u9p7[11]	28160
t_KeSatTblX_Amp_u9p7[12]	28160
t_KeSatTblX_Amp_u9p7[13]	28160
t_KeSatTblX_Amp_u9p7[14]	28160
t_KeSatTblX_Amp_u9p7[15]	28160
t_KeSatTblY_Uls_u2p14[0]	1966
t_KeSatTblY_Uls_u2p14[1]	2130
t_KeSatTblY_Uls_u2p14[2]	6554
t_KeSatTblY_Uls_u2p14[3]	1802
t_KeSatTblY_Uls_u2p14[4]	2621
t_KeSatTblY_Uls_u2p14[5]	2785
t_KeSatTblY_Uls_u2p14[6]	4096
t_KeSatTblY_Uls_u2p14[7]	5734
t_KeSatTblY_Uls_u2p14[8]	2458
t_KeSatTblY_Uls_u2p14[9]	7373
t_KeSatTblY_Uls_u2p14[10]	8192
t_KeSatTblY_Uls_u2p14[11]	9011
t_KeSatTblY_Uls_u2p14[12]	10650
t_KeSatTblY_Uls_u2p14[13]	12288
t_KeSatTblY_Uls_u2p14[14]	13926
t_KeSatTblY_Uls_u2p14[15]	15565
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	-10.5640001
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	15.8940001
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32

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CurrParamComp\_Per1

Name	Input Value		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	1	1	✔
MtrEstKe_VpRadpS_M_f32[0]	0.0649999976	0.0649999976	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0610000007	0.0610000007	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0610000007	0.0610000007	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000159999996	0.000159999996 ± 0.0000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000209999998	0.000209999998 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0170000009	0.0170000009	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

Test Step 2.15 (Repeat Count = 1)	
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.074000001
EstRFF_Ohm_M_f32	0.0398560017
FastDataAccessBufIndex_Cnt_M_u16	1
MtrEstKe_VpRadpS_M_f32[0]	0.0260000005
MtrEstKe_VpRadpS_M_f32[1]	0.0270000007
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.075000003
k_MaxLdRngLmt_Henry_f32	0.000310000003
k_MaxLqRngLmt_Henry_f32	0.000289999996
k_MaxRRngLmt_Ohm_f32	0.0240000002
k_MinKeRngLmt_VpRadpS_f32	0.0649999976
k_MinLdRngLmt_Henry_f32	0.00033000001
k_MinLqRngLmt_Henry_f32	0.000239999994
k_MinRRngLmt_Ohm_f32	0.0390000008
k_NomLd_Henry_f32	0.000260000001
k_NomLq_Henry_f32	3.9999999e-005
t2_CurrParamLdSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[4][5]	9830



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CurrParamComp\_Per1

Name	Input Value
t2_CurrParamLdSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938
t_CurrParamCompDaxRef_Amp_u9p7[0]	1480
t_CurrParamCompDaxRef_Amp_u9p7[1]	2816
t_CurrParamCompDaxRef_Amp_u9p7[2]	4224
t_CurrParamCompDaxRef_Amp_u9p7[3]	5632
t_CurrParamCompDaxRef_Amp_u9p7[4]	7040
t_CurrParamCompDaxRef_Amp_u9p7[5]	8448
t_CurrParamCompQaxRef_Amp_u9p7[0]	16640
t_CurrParamCompQaxRef_Amp_u9p7[1]	17920
t_CurrParamCompQaxRef_Amp_u9p7[2]	19200
t_CurrParamCompQaxRef_Amp_u9p7[3]	20480
t_CurrParamCompQaxRef_Amp_u9p7[4]	21760
t_CurrParamCompQaxRef_Amp_u9p7[5]	23040
t_CurrParamCompQaxRef_Amp_u9p7[6]	25600
t_KeSatTbIX_Amp_u9p7[0]	12800
t_KeSatTbIX_Amp_u9p7[1]	12800
t_KeSatTbIX_Amp_u9p7[2]	12800
t_KeSatTbIX_Amp_u9p7[3]	12800
t_KeSatTbIX_Amp_u9p7[4]	12800
t_KeSatTbIX_Amp_u9p7[5]	12800
t_KeSatTbIX_Amp_u9p7[6]	12800
t_KeSatTbIX_Amp_u9p7[7]	12800
t_KeSatTbIX_Amp_u9p7[8]	12800
t_KeSatTbIX_Amp_u9p7[9]	12800



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Name	Input Value		
t_KeSatTbIX_Amp_u9p7[10]	12800		
t_KeSatTbIX_Amp_u9p7[11]	12800		
t_KeSatTbIX_Amp_u9p7[12]	12800		
t_KeSatTbIX_Amp_u9p7[13]	12800		
t_KeSatTbIX_Amp_u9p7[14]	12800		
t_KeSatTbIX_Amp_u9p7[15]	12800		
t_KeSatTbIY_Uls_u2p14[0]	16384		
t_KeSatTbIY_Uls_u2p14[1]	16384		
t_KeSatTbIY_Uls_u2p14[2]	16384		
t_KeSatTbIY_Uls_u2p14[3]	16384		
t_KeSatTbIY_Uls_u2p14[4]	16384		
t_KeSatTbIY_Uls_u2p14[5]	16384		
t_KeSatTbIY_Uls_u2p14[6]	16384		
t_KeSatTbIY_Uls_u2p14[7]	16384		
t_KeSatTbIY_Uls_u2p14[8]	16384		
t_KeSatTbIY_Uls_u2p14[9]	16384		
t_KeSatTbIY_Uls_u2p14[10]	16384		
t_KeSatTbIY_Uls_u2p14[11]	16384		
t_KeSatTbIY_Uls_u2p14[12]	16384		
t_KeSatTbIY_Uls_u2p14[13]	16384		
t_KeSatTbIY_Uls_u2p14[14]	16384		
t_KeSatTbIY_Uls_u2p14[15]	16384		
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	155.350006		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	220		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	0	0	✔
MtrEstKe_VpRadpS_M_f32[0]	0.074000001	0.074000001	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0270000007	0.0270000007	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.074000001	0.074000001	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000310000003	0.000310000003 ± 0.0000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000239999994	0.000239999994 ± 0.0000000009	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0240000002	0.0240000002 ± 0.0000000009	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

Test Step 2.16 (Repeat Count = 1)	
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0390000008
EstRFF_Ohm_M_f32	0.0191319995
FastDataAccessBufIndex_Cnt_M_u16	0
MtrEstKe_VpRadpS_M_f32[0]	0.0280000009
MtrEstKe_VpRadpS_M_f32[1]	0.0289999992
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0710000023
k_MaxLdRngLmt_Henry_f32	0.000140000004
k_MaxLqRngLmt_Henry_f32	0.000391090987
k_MaxRRngLmt_Ohm_f32	0.0189999994
k_MinKeRngLmt_VpRadpS_f32	0.0610000007
k_MinLdRngLmt_Henry_f32	0.000180000003
k_MinLqRngLmt_Henry_f32	0.000230000005
k_MinRRngLmt_Ohm_f32	0.0219999999
k_NomLd_Henry_f32	0.000169999999
k_NomLq_Henry_f32	0.000230000005
t2_CurrParamLdSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[0][5]	9830

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Name	Input Value
t2_CurrParamLdSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746

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CurrParamComp\_Per1

Name	Input Value		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938		
t_CurrParamCompDaxRef_Amp_u9p7[0]	16640		
t_CurrParamCompDaxRef_Amp_u9p7[1]	17920		
t_CurrParamCompDaxRef_Amp_u9p7[2]	19200		
t_CurrParamCompDaxRef_Amp_u9p7[3]	20480		
t_CurrParamCompDaxRef_Amp_u9p7[4]	21760		
t_CurrParamCompDaxRef_Amp_u9p7[5]	23040		
t_CurrParamCompQaxRef_Amp_u9p7[0]	1280		
t_CurrParamCompQaxRef_Amp_u9p7[1]	2560		
t_CurrParamCompQaxRef_Amp_u9p7[2]	3840		
t_CurrParamCompQaxRef_Amp_u9p7[3]	5120		
t_CurrParamCompQaxRef_Amp_u9p7[4]	6400		
t_CurrParamCompQaxRef_Amp_u9p7[5]	7680		
t_CurrParamCompQaxRef_Amp_u9p7[6]	8960		
t_KeSatTblX_Amp_u9p7[0]	1280		
t_KeSatTblX_Amp_u9p7[1]	2560		
t_KeSatTblX_Amp_u9p7[2]	3840		
t_KeSatTblX_Amp_u9p7[3]	5120		
t_KeSatTblX_Amp_u9p7[4]	6400		
t_KeSatTblX_Amp_u9p7[5]	7680		
t_KeSatTblX_Amp_u9p7[6]	8960		
t_KeSatTblX_Amp_u9p7[7]	10240		
t_KeSatTblX_Amp_u9p7[8]	11520		
t_KeSatTblX_Amp_u9p7[9]	12800		
t_KeSatTblX_Amp_u9p7[10]	14080		
t_KeSatTblX_Amp_u9p7[11]	15360		
t_KeSatTblX_Amp_u9p7[12]	16640		
t_KeSatTblX_Amp_u9p7[13]	17920		
t_KeSatTblX_Amp_u9p7[14]	19200		
t_KeSatTblX_Amp_u9p7[15]	20480		
t_KeSatTblY_Uls_u2p14[0]	0		
t_KeSatTblY_Uls_u2p14[1]	0		
t_KeSatTblY_Uls_u2p14[2]	0		
t_KeSatTblY_Uls_u2p14[3]	0		
t_KeSatTblY_Uls_u2p14[4]	0		
t_KeSatTblY_Uls_u2p14[5]	0		
t_KeSatTblY_Uls_u2p14[6]	0		
t_KeSatTblY_Uls_u2p14[7]	0		
t_KeSatTblY_Uls_u2p14[8]	0		
t_KeSatTblY_Uls_u2p14[9]	0		
t_KeSatTblY_Uls_u2p14[10]	0		
t_KeSatTblY_Uls_u2p14[11]	0		
t_KeSatTblY_Uls_u2p14[12]	0		
t_KeSatTblY_Uls_u2p14[13]	0		
t_KeSatTblY_Uls_u2p14[14]	0		
t_KeSatTblY_Uls_u2p14[15]	0		
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	-85.7519989		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	17.75		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3:	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3:	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	1	1	✔
MtrEstKe_VpRadpS_M_f32[0]	0.0280000009	0.0280000009	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0610000007	0.0610000007	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0610000007	0.0610000007	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000180000003	0.000180000003 ± 0.0000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000230000005	0.000230000005 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0189999994	0.0189999994	✔

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CurrParamComp\_Per1

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

## Test Step 2.17 (Repeat Count = 1)

Name	Input Value
EstKeFF_VpRadpS_M_f32	0.03999999991
EstRFF_Ohm_M_f32	0.0253454
FastDataAccessBufIndex_Cnt_M_u16	1
MtrEstKe_VpRadpS_M_f32[0]	0.02999999993
MtrEstKe_VpRadpS_M_f32[1]	0.03099999995
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.07199999969
k_MaxLdRngLmt_Henry_f32	0.000150000007
k_MaxLqRngLmt_Henry_f32	9.99999975e-005
k_MaxRRngLmt_Ohm_f32	0.01999999996
k_MinKeRngLmt_VpRadpS_f32	0.0619999999
k_MinLdRngLmt_Henry_f32	0.000190000006
k_MinLqRngLmt_Henry_f32	3.9999999e-005
k_MinRRngLmt_Ohm_f32	0.023
k_NomLd_Henry_f32	9.99999975e-005
k_NomLq_Henry_f32	0.000239999994
t2_CurrParamLdSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[0][2]	4915

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Name	Input Value
t2_CurrParamLqSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938
t_CurrParamCompDaxRef_Amp_u9p7[0]	24320
t_CurrParamCompDaxRef_Amp_u9p7[1]	25600
t_CurrParamCompDaxRef_Amp_u9p7[2]	26880
t_CurrParamCompDaxRef_Amp_u9p7[3]	27008
t_CurrParamCompDaxRef_Amp_u9p7[4]	27136
t_CurrParamCompDaxRef_Amp_u9p7[5]	16000
t_CurrParamCompQaxRef_Amp_u9p7[0]	1408
t_CurrParamCompQaxRef_Amp_u9p7[1]	2816
t_CurrParamCompQaxRef_Amp_u9p7[2]	4224
t_CurrParamCompQaxRef_Amp_u9p7[3]	5632
t_CurrParamCompQaxRef_Amp_u9p7[4]	7040
t_CurrParamCompQaxRef_Amp_u9p7[5]	8448
t_CurrParamCompQaxRef_Amp_u9p7[6]	9856
t_KeSatTblX_Amp_u9p7[0]	1408
t_KeSatTblX_Amp_u9p7[1]	2816
t_KeSatTblX_Amp_u9p7[2]	4224
t_KeSatTblX_Amp_u9p7[3]	5632
t_KeSatTblX_Amp_u9p7[4]	7040
t_KeSatTblX_Amp_u9p7[5]	8448
t_KeSatTblX_Amp_u9p7[6]	9856
t_KeSatTblX_Amp_u9p7[7]	11264
t_KeSatTblX_Amp_u9p7[8]	12672
t_KeSatTblX_Amp_u9p7[9]	14080
t_KeSatTblX_Amp_u9p7[10]	15360
t_KeSatTblX_Amp_u9p7[11]	16640
t_KeSatTblX_Amp_u9p7[12]	17920
t_KeSatTblX_Amp_u9p7[13]	19200
t_KeSatTblX_Amp_u9p7[14]	20480
t_KeSatTblX_Amp_u9p7[15]	21760
t_KeSatTblY_Uls_u2p14[0]	32768
t_KeSatTblY_Uls_u2p14[1]	32768
t_KeSatTblY_Uls_u2p14[2]	32768
t_KeSatTblY_Uls_u2p14[3]	32768
t_KeSatTblY_Uls_u2p14[4]	32768

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CurrParamComp\_Per1

Name	Input Value		
t_KeSatTbIY_Uls_u2p14[5]	32768		
t_KeSatTbIY_Uls_u2p14[6]	32768		
t_KeSatTbIY_Uls_u2p14[7]	32768		
t_KeSatTbIY_Uls_u2p14[8]	32768		
t_KeSatTbIY_Uls_u2p14[9]	32768		
t_KeSatTbIY_Uls_u2p14[10]	32768		
t_KeSatTbIY_Uls_u2p14[11]	32768		
t_KeSatTbIY_Uls_u2p14[12]	32768		
t_KeSatTbIY_Uls_u2p14[13]	32768		
t_KeSatTbIY_Uls_u2p14[14]	32768		
t_KeSatTbIY_Uls_u2p14[15]	32768		
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	-123.346001		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	18.6779995		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	0	0	✔
MtrEstKe_VpRadpS_M_f32[0]	0.0719999969	0.0719999969	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0309999995	0.0309999995	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0719999969	0.0719999969	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000190000006	0.000190000006 ± 0.0000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	4.07373045e-005	4.07000007e-005 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0199999996	0.0199999996	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

Test Step 2.18 (Repeat Count = 1)	
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0410000011
EstRFF_Ohm_M_f32	0.0213130005
FastDataAccessBufIndex_Cnt_M_u16	1
MtrEstKe_VpRadpS_M_f32[0]	0.0410000011
MtrEstKe_VpRadpS_M_f32[1]	0.0450000018
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0729999989
k_MaxLdRngLmt_Henry_f32	0.000159999996
k_MaxLqRngLmt_Henry_f32	0.000110000001
k_MaxRRngLmt_Ohm_f32	0.00899999961
k_MinKeRngLmt_VpRadpS_f32	0.0630000001
k_MinLdRngLmt_Henry_f32	0.000199999995
k_MinLqRngLmt_Henry_f32	4.99999987e-005
k_MinRRngLmt_Ohm_f32	0.0240000002
k_NomLd_Henry_f32	0.000110000001
k_NomLq_Henry_f32	0.000250000012
t2_CurrParamLdSatScIFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatScIFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatScIFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatScIFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatScIFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatScIFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatScIFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatScIFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatScIFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatScIFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatScIFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatScIFac_Uls_u2p14[2][2]	27853

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CurrParamComp\_Per1

Name	Input Value
t2_CurrParamLdSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938
t_CurrParamCompDaxRef_Amp_u9p7[0]	8960
t_CurrParamCompDaxRef_Amp_u9p7[1]	10240
t_CurrParamCompDaxRef_Amp_u9p7[2]	11520
t_CurrParamCompDaxRef_Amp_u9p7[3]	12800
t_CurrParamCompDaxRef_Amp_u9p7[4]	14080
t_CurrParamCompDaxRef_Amp_u9p7[5]	15360



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CurrParamComp\_Per1

Name	Input Value		
t_CurrParamCompQaxRef_Amp_u9p7[0]	16640		
t_CurrParamCompQaxRef_Amp_u9p7[1]	17920		
t_CurrParamCompQaxRef_Amp_u9p7[2]	19200		
t_CurrParamCompQaxRef_Amp_u9p7[3]	20480		
t_CurrParamCompQaxRef_Amp_u9p7[4]	21760		
t_CurrParamCompQaxRef_Amp_u9p7[5]	23040		
t_CurrParamCompQaxRef_Amp_u9p7[6]	25600		
t_KeSatTblX_Amp_u9p7[0]	640		
t_KeSatTblX_Amp_u9p7[1]	1920		
t_KeSatTblX_Amp_u9p7[2]	3200		
t_KeSatTblX_Amp_u9p7[3]	4480		
t_KeSatTblX_Amp_u9p7[4]	5760		
t_KeSatTblX_Amp_u9p7[5]	7040		
t_KeSatTblX_Amp_u9p7[6]	8320		
t_KeSatTblX_Amp_u9p7[7]	9600		
t_KeSatTblX_Amp_u9p7[8]	10880		
t_KeSatTblX_Amp_u9p7[9]	12160		
t_KeSatTblX_Amp_u9p7[10]	13440		
t_KeSatTblX_Amp_u9p7[11]	14720		
t_KeSatTblX_Amp_u9p7[12]	16000		
t_KeSatTblX_Amp_u9p7[13]	17280		
t_KeSatTblX_Amp_u9p7[14]	18560		
t_KeSatTblX_Amp_u9p7[15]	19840		
t_KeSatTblY_Uls_u2p14[0]	8192		
t_KeSatTblY_Uls_u2p14[1]	8192		
t_KeSatTblY_Uls_u2p14[2]	8192		
t_KeSatTblY_Uls_u2p14[3]	8192		
t_KeSatTblY_Uls_u2p14[4]	8192		
t_KeSatTblY_Uls_u2p14[5]	8192		
t_KeSatTblY_Uls_u2p14[6]	8192		
t_KeSatTblY_Uls_u2p14[7]	8192		
t_KeSatTblY_Uls_u2p14[8]	8192		
t_KeSatTblY_Uls_u2p14[9]	8192		
t_KeSatTblY_Uls_u2p14[10]	8192		
t_KeSatTblY_Uls_u2p14[11]	8192		
t_KeSatTblY_Uls_u2p14[12]	8192		
t_KeSatTblY_Uls_u2p14[13]	8192		
t_KeSatTblY_Uls_u2p14[14]	8192		
t_KeSatTblY_Uls_u2p14[15]	8192		
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	-160.940002		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	19.6060009		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3:	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3:	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	0	0	✔
MtrEstKe_VpRadpS_M_f32[0]	0.063000001	0.063000001	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0450000018	0.0450000018	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.063000001	0.063000001	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000199999995	0.000199999995 ± 0.0000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000110000001	0.000110000001 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.00899999961	0.00899999961	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

Test Step 2.19 (Repeat Count = 1)	
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0419999994
EstRFF_Ohm_M_f32	0.0226456001
FastDataAccessBufIndex_Cnt_M_u16	1
MtrEstKe_VpRadpS_M_f32[0]	0.0430000015
MtrEstKe_VpRadpS_M_f32[1]	0.0710000023



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CurrParamComp\_Per1

Name	Input Value
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.074000001
k_MaxLdRngLmt_Henry_f32	0.000169999999
k_MaxLqRngLmt_Henry_f32	0.000119999997
k_MaxRRngLmt_Ohm_f32	0.00999999978
k_MinKeRngLmt_VpRadpS_f32	0.064000003
k_MinLdRngLmt_Henry_f32	0.000209999998
k_MinLqRngLmt_Henry_f32	5.99999985e-005
k_MinRRngLmt_Ohm_f32	0.0250000004
k_NomLd_Henry_f32	0.000119999997
k_NomLq_Henry_f32	0.000260000001
t2_CurrParamLdSatScIFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatScIFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatScIFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatScIFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatScIFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatScIFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatScIFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatScIFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatScIFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatScIFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatScIFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatScIFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatScIFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatScIFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatScIFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatScIFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatScIFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatScIFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatScIFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatScIFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatScIFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatScIFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatScIFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatScIFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatScIFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatScIFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatScIFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatScIFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatScIFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatScIFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatScIFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatScIFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatScIFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatScIFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatScIFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatScIFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatScIFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatScIFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatScIFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatScIFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatScIFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatScIFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatScIFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatScIFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatScIFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatScIFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatScIFac_Uls_u2p14[2][5]	31949

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CurrParamComp\_Per1

Name	Input Value
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938
t_CurrParamCompDaxRef_Amp_u9p7[0]	0
t_CurrParamCompDaxRef_Amp_u9p7[1]	0
t_CurrParamCompDaxRef_Amp_u9p7[2]	0
t_CurrParamCompDaxRef_Amp_u9p7[3]	0
t_CurrParamCompDaxRef_Amp_u9p7[4]	0
t_CurrParamCompDaxRef_Amp_u9p7[5]	0
t_CurrParamCompQaxRef_Amp_u9p7[0]	24320
t_CurrParamCompQaxRef_Amp_u9p7[1]	25600
t_CurrParamCompQaxRef_Amp_u9p7[2]	26880
t_CurrParamCompQaxRef_Amp_u9p7[3]	27008
t_CurrParamCompQaxRef_Amp_u9p7[4]	27136
t_CurrParamCompQaxRef_Amp_u9p7[5]	16000
t_CurrParamCompQaxRef_Amp_u9p7[6]	17280
t_KeSatTbIX_Amp_u9p7[0]	1280
t_KeSatTbIX_Amp_u9p7[1]	2560
t_KeSatTbIX_Amp_u9p7[2]	3840
t_KeSatTbIX_Amp_u9p7[3]	5120
t_KeSatTbIX_Amp_u9p7[4]	6400
t_KeSatTbIX_Amp_u9p7[5]	7680
t_KeSatTbIX_Amp_u9p7[6]	8960
t_KeSatTbIX_Amp_u9p7[7]	10240
t_KeSatTbIX_Amp_u9p7[8]	11520
t_KeSatTbIX_Amp_u9p7[9]	12800
t_KeSatTbIX_Amp_u9p7[10]	14080
t_KeSatTbIX_Amp_u9p7[11]	15360
t_KeSatTbIX_Amp_u9p7[12]	16640
t_KeSatTbIX_Amp_u9p7[13]	17920
t_KeSatTbIX_Amp_u9p7[14]	19200
t_KeSatTbIX_Amp_u9p7[15]	20480
t_KeSatTbIY_Uls_u2p14[0]	4915
t_KeSatTbIY_Uls_u2p14[1]	6554
t_KeSatTbIY_Uls_u2p14[2]	8192
t_KeSatTbIY_Uls_u2p14[3]	3277
t_KeSatTbIY_Uls_u2p14[4]	11469
t_KeSatTbIY_Uls_u2p14[5]	13107
t_KeSatTbIY_Uls_u2p14[6]	13271
t_KeSatTbIY_Uls_u2p14[7]	13984
t_KeSatTbIY_Uls_u2p14[8]	9830
t_KeSatTbIY_Uls_u2p14[9]	14336
t_KeSatTbIY_Uls_u2p14[10]	1638
t_KeSatTbIY_Uls_u2p14[11]	14549
t_KeSatTbIY_Uls_u2p14[12]	14623
t_KeSatTbIY_Uls_u2p14[13]	14909
t_KeSatTbIY_Uls_u2p14[14]	14982
t_KeSatTbIY_Uls_u2p14[15]	16356
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	-198.533997
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	20.5340004
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32

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CurrParamComp\_Per1

Name	Input Value		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	0	0	✓
MtrEstKe_VpRadpS_M_f32[0]	0.064000003	0.064000003	✓
MtrEstKe_VpRadpS_M_f32[1]	0.071000023	0.071000023	✓
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.064000003	0.064000003	✓
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000209999998	0.000209999998 ± 0.000000009	✓
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	5.99999985e-005	5.99999985e-005 ± 0.0625	✓
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.00999999978	0.00999999978	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

## Test Step 2.20 (Repeat Count = 1)

Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0430000015
EstRFF_Ohm_M_f32	0.0234534498
FastDataAccessBufIndex_Cnt_M_u16	1
MtrEstKe_VpRadpS_M_f32[0]	0.0649999976
MtrEstKe_VpRadpS_M_f32[1]	0.0689999983
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0540000014
k_MaxLdRngLmt_Henry_f32	0.000180000003
k_MaxLqRngLmt_Henry_f32	0.00013
k_MaxRRngLmt_Ohm_f32	0.0109999999
k_MinKeRngLmt_VpRadpS_f32	0.0649999976
k_MinLdRngLmt_Henry_f32	0.000220000002
k_MinLqRngLmt_Henry_f32	7.00000019e-005
k_MinRRngLmt_Ohm_f32	0.0260000005
k_NomLd_Henry_f32	0.00013
k_NomLq_Henry_f32	0.00026999999
t2_CurrParamLdSatScIFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatScIFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatScIFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatScIFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatScIFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatScIFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatScIFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatScIFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatScIFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatScIFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatScIFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatScIFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatScIFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatScIFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatScIFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatScIFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatScIFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatScIFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatScIFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatScIFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatScIFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[4][5]	9830

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CurrParamComp\_Per1

Name	Input Value
t2_CurrParamLdSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938
t_CurrParamCompDaxRef_Amp_u9p7[0]	28160
t_CurrParamCompDaxRef_Amp_u9p7[1]	28160
t_CurrParamCompDaxRef_Amp_u9p7[2]	28160
t_CurrParamCompDaxRef_Amp_u9p7[3]	28160
t_CurrParamCompDaxRef_Amp_u9p7[4]	28160
t_CurrParamCompDaxRef_Amp_u9p7[5]	28160
t_CurrParamCompQaxRef_Amp_u9p7[0]	1280
t_CurrParamCompQaxRef_Amp_u9p7[1]	2560
t_CurrParamCompQaxRef_Amp_u9p7[2]	3840
t_CurrParamCompQaxRef_Amp_u9p7[3]	5120
t_CurrParamCompQaxRef_Amp_u9p7[4]	6400
t_CurrParamCompQaxRef_Amp_u9p7[5]	7680
t_CurrParamCompQaxRef_Amp_u9p7[6]	8960
t_KeSatTbIX_Amp_u9p7[0]	1408
t_KeSatTbIX_Amp_u9p7[1]	2816
t_KeSatTbIX_Amp_u9p7[2]	4224
t_KeSatTbIX_Amp_u9p7[3]	5632
t_KeSatTbIX_Amp_u9p7[4]	7040
t_KeSatTbIX_Amp_u9p7[5]	8448
t_KeSatTbIX_Amp_u9p7[6]	9856
t_KeSatTbIX_Amp_u9p7[7]	11264
t_KeSatTbIX_Amp_u9p7[8]	12672
t_KeSatTbIX_Amp_u9p7[9]	14080

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Name	Input Value		
t_KeSatTbIX_Amp_u9p7[10]	15360		
t_KeSatTbIX_Amp_u9p7[11]	16640		
t_KeSatTbIX_Amp_u9p7[12]	17920		
t_KeSatTbIX_Amp_u9p7[13]	19200		
t_KeSatTbIX_Amp_u9p7[14]	20480		
t_KeSatTbIX_Amp_u9p7[15]	21760		
t_KeSatTbIY_Uls_u2p14[0]	2130		
t_KeSatTbIY_Uls_u2p14[1]	2294		
t_KeSatTbIY_Uls_u2p14[2]	2458		
t_KeSatTbIY_Uls_u2p14[3]	1966		
t_KeSatTbIY_Uls_u2p14[4]	2785		
t_KeSatTbIY_Uls_u2p14[5]	2949		
t_KeSatTbIY_Uls_u2p14[6]	3113		
t_KeSatTbIY_Uls_u2p14[7]	3277		
t_KeSatTbIY_Uls_u2p14[8]	2621		
t_KeSatTbIY_Uls_u2p14[9]	3441		
t_KeSatTbIY_Uls_u2p14[10]	1802		
t_KeSatTbIY_Uls_u2p14[11]	3604		
t_KeSatTbIY_Uls_u2p14[12]	3768		
t_KeSatTbIY_Uls_u2p14[13]	3932		
t_KeSatTbIY_Uls_u2p14[14]	4096		
t_KeSatTbIY_Uls_u2p14[15]	4260		
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	-26.6739998		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	21.4619999		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	0	0	✔
MtrEstKe_VpRadpS_M_f32[0]	0.0649999976	0.0649999976	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0689999983	0.0689999983	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0649999976	0.0649999976	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000220000002	0.000220000002 ± 0.0000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	7.00000019e-005	7.00000019e-005 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0109999999	0.0109999999	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

Test Step 2.21 (Repeat Count = 1)	
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0439999998
EstRFF_Ohm_M_f32	0.0246456005
FastDataAccessBufIndex_Cnt_M_u16	1
MtrEstKe_VpRadpS_M_f32[0]	0.0260000005
MtrEstKe_VpRadpS_M_f32[1]	0.0270000007
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0549999997
k_MaxLdRngLmt_Henry_f32	0.000190000006
k_MaxLqRngLmt_Henry_f32	0.000140000004
k_MaxRRngLmt_Ohm_f32	0.0120000001
k_MinKeRngLmt_VpRadpS_f32	0.0659999996
k_MinLdRngLmt_Henry_f32	0.000230000005
k_MinLqRngLmt_Henry_f32	7.9999998e-005
k_MinRRngLmt_Ohm_f32	0.0270000007
k_NomLd_Henry_f32	0.000140000004
k_NomLq_Henry_f32	0.000280000007
t2_CurrParamLdSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[0][5]	9830

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Name	Input Value
t2_CurrParamLdSatScIFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatScIFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatScIFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatScIFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatScIFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatScIFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatScIFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatScIFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatScIFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatScIFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatScIFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatScIFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatScIFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatScIFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatScIFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatScIFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatScIFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatScIFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatScIFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatScIFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatScIFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatScIFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatScIFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatScIFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatScIFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatScIFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatScIFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatScIFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatScIFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatScIFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatScIFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatScIFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatScIFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatScIFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatScIFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatScIFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatScIFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatScIFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatScIFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatScIFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatScIFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatScIFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatScIFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatScIFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatScIFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatScIFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatScIFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatScIFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatScIFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatScIFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatScIFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatScIFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatScIFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatScIFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatScIFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatScIFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatScIFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatScIFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatScIFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatScIFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatScIFac_Uls_u2p14[5][1]	14746

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Name	Input Value		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938		
t_CurrParamCompDaxRef_Amp_u9p7[0]	12800		
t_CurrParamCompDaxRef_Amp_u9p7[1]	12800		
t_CurrParamCompDaxRef_Amp_u9p7[2]	12800		
t_CurrParamCompDaxRef_Amp_u9p7[3]	12800		
t_CurrParamCompDaxRef_Amp_u9p7[4]	12800		
t_CurrParamCompDaxRef_Amp_u9p7[5]	12800		
t_CurrParamCompQaxRef_Amp_u9p7[0]	1408		
t_CurrParamCompQaxRef_Amp_u9p7[1]	2816		
t_CurrParamCompQaxRef_Amp_u9p7[2]	4224		
t_CurrParamCompQaxRef_Amp_u9p7[3]	5632		
t_CurrParamCompQaxRef_Amp_u9p7[4]	7040		
t_CurrParamCompQaxRef_Amp_u9p7[5]	8448		
t_CurrParamCompQaxRef_Amp_u9p7[6]	9856		
t_KeSatTblX_Amp_u9p7[0]	640		
t_KeSatTblX_Amp_u9p7[1]	1920		
t_KeSatTblX_Amp_u9p7[2]	3200		
t_KeSatTblX_Amp_u9p7[3]	4480		
t_KeSatTblX_Amp_u9p7[4]	5760		
t_KeSatTblX_Amp_u9p7[5]	7040		
t_KeSatTblX_Amp_u9p7[6]	8320		
t_KeSatTblX_Amp_u9p7[7]	9600		
t_KeSatTblX_Amp_u9p7[8]	10880		
t_KeSatTblX_Amp_u9p7[9]	12160		
t_KeSatTblX_Amp_u9p7[10]	13440		
t_KeSatTblX_Amp_u9p7[11]	14720		
t_KeSatTblX_Amp_u9p7[12]	16000		
t_KeSatTblX_Amp_u9p7[13]	17280		
t_KeSatTblX_Amp_u9p7[14]	18560		
t_KeSatTblX_Amp_u9p7[15]	19840		
t_KeSatTblY_Uls_u2p14[0]	4096		
t_KeSatTblY_Uls_u2p14[1]	5734		
t_KeSatTblY_Uls_u2p14[2]	7373		
t_KeSatTblY_Uls_u2p14[3]	2458		
t_KeSatTblY_Uls_u2p14[4]	10650		
t_KeSatTblY_Uls_u2p14[5]	12288		
t_KeSatTblY_Uls_u2p14[6]	13926		
t_KeSatTblY_Uls_u2p14[7]	14082		
t_KeSatTblY_Uls_u2p14[8]	9011		
t_KeSatTblY_Uls_u2p14[9]	14254		
t_KeSatTblY_Uls_u2p14[10]	819		
t_KeSatTblY_Uls_u2p14[11]	14285		
t_KeSatTblY_Uls_u2p14[12]	14439		
t_KeSatTblY_Uls_u2p14[13]	6554		
t_KeSatTblY_Uls_u2p14[14]	14606		
t_KeSatTblY_Uls_u2p14[15]	16244		
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	-28.4640007		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	22.3899994		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3:	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3:	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	0	0	✔
MtrEstKe_VpRadpS_M_f32[0]	0.06599999996	0.06599999996	✔
MtrEstKe_VpRadpS_M_f32[1]	0.02700000007	0.02700000007	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.06599999996	0.06599999996	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000230000005	0.000230000005 ± 0.0000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	7.9999998e-005	7.9999998e-005 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.01200000001	0.01200000001	✔



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CurrParamComp\_Per1

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

## Test Step 2.22 (Repeat Count = 1)

Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0450000018
EstRFF_Ohm_M_f32	0.0254234001
FastDataAccessBufIndex_Cnt_M_u16	0
MtrEstKe_VpRadpS_M_f32[0]	0.0280000009
MtrEstKe_VpRadpS_M_f32[1]	0.0289999992
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0560000017
k_MaxLdRngLmt_Henry_f32	0.000199999995
k_MaxLqRngLmt_Henry_f32	0.000150000007
k_MaxRRngLmt_Ohm_f32	0.0130000003
k_MinKeRngLmt_VpRadpS_f32	0.0670000017
k_MinLdRngLmt_Henry_f32	0.000220000002
k_MinLqRngLmt_Henry_f32	9.00000014e-005
k_MinRRngLmt_Ohm_f32	0.0280000009
k_NomLd_Henry_f32	0.000150000007
k_NomLq_Henry_f32	0.000289999996
t2_CurrParamLdSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[0][2]	4915



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Name	Input Value
t2_CurrParamLqSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938
t_CurrParamCompDaxRef_Amp_u9p7[0]	1280
t_CurrParamCompDaxRef_Amp_u9p7[1]	2560
t_CurrParamCompDaxRef_Amp_u9p7[2]	3840
t_CurrParamCompDaxRef_Amp_u9p7[3]	5120
t_CurrParamCompDaxRef_Amp_u9p7[4]	6400
t_CurrParamCompDaxRef_Amp_u9p7[5]	7680
t_CurrParamCompQaxRef_Amp_u9p7[0]	0
t_CurrParamCompQaxRef_Amp_u9p7[1]	0
t_CurrParamCompQaxRef_Amp_u9p7[2]	0
t_CurrParamCompQaxRef_Amp_u9p7[3]	0
t_CurrParamCompQaxRef_Amp_u9p7[4]	0
t_CurrParamCompQaxRef_Amp_u9p7[5]	0
t_CurrParamCompQaxRef_Amp_u9p7[6]	0
t_KeSatTblX_Amp_u9p7[0]	1280
t_KeSatTblX_Amp_u9p7[1]	2560
t_KeSatTblX_Amp_u9p7[2]	3840
t_KeSatTblX_Amp_u9p7[3]	5120
t_KeSatTblX_Amp_u9p7[4]	6400
t_KeSatTblX_Amp_u9p7[5]	7680
t_KeSatTblX_Amp_u9p7[6]	8960
t_KeSatTblX_Amp_u9p7[7]	10240
t_KeSatTblX_Amp_u9p7[8]	11520
t_KeSatTblX_Amp_u9p7[9]	12800
t_KeSatTblX_Amp_u9p7[10]	14080
t_KeSatTblX_Amp_u9p7[11]	15360
t_KeSatTblX_Amp_u9p7[12]	16640
t_KeSatTblX_Amp_u9p7[13]	17920
t_KeSatTblX_Amp_u9p7[14]	19200
t_KeSatTblX_Amp_u9p7[15]	20480
t_KeSatTblY_Uls_u2p14[0]	1966
t_KeSatTblY_Uls_u2p14[1]	2130
t_KeSatTblY_Uls_u2p14[2]	2294
t_KeSatTblY_Uls_u2p14[3]	1802
t_KeSatTblY_Uls_u2p14[4]	2621

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CurrParamComp\_Per1

Name	Input Value		
t_KeSatTbIY_Uls_u2p14[5]	2785		
t_KeSatTbIY_Uls_u2p14[6]	3277		
t_KeSatTbIY_Uls_u2p14[7]	4915		
t_KeSatTbIY_Uls_u2p14[8]	2458		
t_KeSatTbIY_Uls_u2p14[9]	6554		
t_KeSatTbIY_Uls_u2p14[10]	1638		
t_KeSatTbIY_Uls_u2p14[11]	8192		
t_KeSatTbIY_Uls_u2p14[12]	9830		
t_KeSatTbIY_Uls_u2p14[13]	11469		
t_KeSatTbIY_Uls_u2p14[14]	13107		
t_KeSatTbIY_Uls_u2p14[15]	14746		
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	-30.2539997		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	23.3180008		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	1	1	✔
MtrEstKe_VpRadpS_M_f32[0]	0.0280000009	0.0280000009	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0670000017	0.0670000017	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0670000017	0.0670000017	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000199999995	0.000199999995 ± 0.0000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000150000007	0.000150000007 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0130000003	0.0130000003	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

Test Step 2.23 (Repeat Count = 1)	
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0460000001
EstRFF_Ohm_M_f32	0.0263129994
FastDataAccessBufIndex_Cnt_M_u16	0
MtrEstKe_VpRadpS_M_f32[0]	0.0299999993
MtrEstKe_VpRadpS_M_f32[1]	0.0309999995
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.057
k_MaxLdRngLmt_Henry_f32	0.000209999998
k_MaxLqRngLmt_Henry_f32	0.000159999996
k_MaxRRngLmt_Ohm_f32	0.0140000004
k_MinKeRngLmt_VpRadpS_f32	0.0680000037
k_MinLdRngLmt_Henry_f32	0.000230000005
k_MinLqRngLmt_Henry_f32	9.99999975e-005
k_MinRRngLmt_Ohm_f32	0.0289999992
k_NomLd_Henry_f32	0.000159999996
k_NomLq_Henry_f32	0.000300000014
t2_CurrParamLdSatScfFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatScfFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatScfFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatScfFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatScfFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatScfFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatScfFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatScfFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatScfFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatScfFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatScfFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatScfFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatScfFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatScfFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatScfFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatScfFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatScfFac_Uls_u2p14[2][2]	27853

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Name	Input Value
t2_CurrParamLdSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938
t_CurrParamCompDaxRef_Amp_u9p7[0]	1408
t_CurrParamCompDaxRef_Amp_u9p7[1]	2816
t_CurrParamCompDaxRef_Amp_u9p7[2]	4224
t_CurrParamCompDaxRef_Amp_u9p7[3]	5632
t_CurrParamCompDaxRef_Amp_u9p7[4]	7040
t_CurrParamCompDaxRef_Amp_u9p7[5]	8448

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Name	Input Value		
t_CurrParamCompQaxRef_Amp_u9p7[0]	28160		
t_CurrParamCompQaxRef_Amp_u9p7[1]	28160		
t_CurrParamCompQaxRef_Amp_u9p7[2]	28160		
t_CurrParamCompQaxRef_Amp_u9p7[3]	28160		
t_CurrParamCompQaxRef_Amp_u9p7[4]	28160		
t_CurrParamCompQaxRef_Amp_u9p7[5]	28160		
t_CurrParamCompQaxRef_Amp_u9p7[6]	28160		
t_KeSatTblX_Amp_u9p7[0]	1408		
t_KeSatTblX_Amp_u9p7[1]	2816		
t_KeSatTblX_Amp_u9p7[2]	4224		
t_KeSatTblX_Amp_u9p7[3]	5632		
t_KeSatTblX_Amp_u9p7[4]	7040		
t_KeSatTblX_Amp_u9p7[5]	8448		
t_KeSatTblX_Amp_u9p7[6]	9856		
t_KeSatTblX_Amp_u9p7[7]	11264		
t_KeSatTblX_Amp_u9p7[8]	12672		
t_KeSatTblX_Amp_u9p7[9]	14080		
t_KeSatTblX_Amp_u9p7[10]	15360		
t_KeSatTblX_Amp_u9p7[11]	16640		
t_KeSatTblX_Amp_u9p7[12]	17920		
t_KeSatTblX_Amp_u9p7[13]	19200		
t_KeSatTblX_Amp_u9p7[14]	20480		
t_KeSatTblX_Amp_u9p7[15]	21760		
t_KeSatTblY_Uls_u2p14[0]	2130		
t_KeSatTblY_Uls_u2p14[1]	2294		
t_KeSatTblY_Uls_u2p14[2]	2458		
t_KeSatTblY_Uls_u2p14[3]	1966		
t_KeSatTblY_Uls_u2p14[4]	2785		
t_KeSatTblY_Uls_u2p14[5]	2949		
t_KeSatTblY_Uls_u2p14[6]	3113		
t_KeSatTblY_Uls_u2p14[7]	3277		
t_KeSatTblY_Uls_u2p14[8]	2621		
t_KeSatTblY_Uls_u2p14[9]	3441		
t_KeSatTblY_Uls_u2p14[10]	1802		
t_KeSatTblY_Uls_u2p14[11]	3604		
t_KeSatTblY_Uls_u2p14[12]	3768		
t_KeSatTblY_Uls_u2p14[13]	3932		
t_KeSatTblY_Uls_u2p14[14]	4096		
t_KeSatTblY_Uls_u2p14[15]	4260		
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	-32.0439987		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	24.2460003		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	1	1	✔
MtrEstKe_VpRadpS_M_f32[0]	0.0299999993	0.0299999993	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0680000037	0.0680000037	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0680000037	0.0680000037	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000230000005	0.000230000005 ± 0.0000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000159999996	0.000159999996 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0140000004	0.0140000004	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

Test Step 2.24 (Repeat Count = 1)	
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0469999984
EstRFF_Ohm_M_f32	0.0276346002
FastDataAccessBufIndex_Cnt_M_u16	0
MtrEstKe_VpRadpS_M_f32[0]	0.0410000011
MtrEstKe_VpRadpS_M_f32[1]	0.0450000018

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Name	Input Value
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0579999983
k_MaxLdRngLmt_Henry_f32	0.000220000002
k_MaxLqRngLmt_Henry_f32	0.000169999999
k_MaxRRngLmt_Ohm_f32	0.0149999997
k_MinKeRngLmt_VpRadpS_f32	0.0689999983
k_MinLdRngLmt_Henry_f32	0.000239999994
k_MinLqRngLmt_Henry_f32	0.000269999999
k_MinRRngLmt_Ohm_f32	0.0299999993
k_NomLd_Henry_f32	0.000169999999
k_NomLq_Henry_f32	0.000310000003
t2_CurrParamLdSatScIFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatScIFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatScIFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatScIFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatScIFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatScIFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatScIFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatScIFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatScIFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatScIFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatScIFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatScIFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatScIFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatScIFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatScIFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatScIFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatScIFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatScIFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatScIFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatScIFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatScIFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatScIFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatScIFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatScIFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatScIFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatScIFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatScIFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatScIFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatScIFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatScIFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatScIFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatScIFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatScIFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatScIFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatScIFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatScIFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatScIFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatScIFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatScIFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatScIFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatScIFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatScIFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatScIFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatScIFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatScIFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatScIFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatScIFac_Uls_u2p14[2][5]	31949

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CurrParamComp\_Per1

Name	Input Value
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938
t_CurrParamCompDaxRef_Amp_u9p7[0]	8960
t_CurrParamCompDaxRef_Amp_u9p7[1]	10240
t_CurrParamCompDaxRef_Amp_u9p7[2]	11520
t_CurrParamCompDaxRef_Amp_u9p7[3]	12800
t_CurrParamCompDaxRef_Amp_u9p7[4]	14080
t_CurrParamCompDaxRef_Amp_u9p7[5]	15360
t_CurrParamCompQaxRef_Amp_u9p7[0]	12800
t_CurrParamCompQaxRef_Amp_u9p7[1]	12800
t_CurrParamCompQaxRef_Amp_u9p7[2]	12800
t_CurrParamCompQaxRef_Amp_u9p7[3]	12800
t_CurrParamCompQaxRef_Amp_u9p7[4]	12800
t_CurrParamCompQaxRef_Amp_u9p7[5]	12800
t_CurrParamCompQaxRef_Amp_u9p7[6]	12800
t_KeSatTbIX_Amp_u9p7[0]	640
t_KeSatTbIX_Amp_u9p7[1]	1920
t_KeSatTbIX_Amp_u9p7[2]	3200
t_KeSatTbIX_Amp_u9p7[3]	4480
t_KeSatTbIX_Amp_u9p7[4]	5760
t_KeSatTbIX_Amp_u9p7[5]	7040
t_KeSatTbIX_Amp_u9p7[6]	8320
t_KeSatTbIX_Amp_u9p7[7]	9600
t_KeSatTbIX_Amp_u9p7[8]	10880
t_KeSatTbIX_Amp_u9p7[9]	12160
t_KeSatTbIX_Amp_u9p7[10]	13440
t_KeSatTbIX_Amp_u9p7[11]	14720
t_KeSatTbIX_Amp_u9p7[12]	16000
t_KeSatTbIX_Amp_u9p7[13]	17280
t_KeSatTbIX_Amp_u9p7[14]	18560
t_KeSatTbIX_Amp_u9p7[15]	19840
t_KeSatTbIY_Uls_u2p14[0]	1802
t_KeSatTbIY_Uls_u2p14[1]	1966
t_KeSatTbIY_Uls_u2p14[2]	2130
t_KeSatTbIY_Uls_u2p14[3]	2458
t_KeSatTbIY_Uls_u2p14[4]	2458
t_KeSatTbIY_Uls_u2p14[5]	2621
t_KeSatTbIY_Uls_u2p14[6]	4096
t_KeSatTbIY_Uls_u2p14[7]	5734
t_KeSatTbIY_Uls_u2p14[8]	6554
t_KeSatTbIY_Uls_u2p14[9]	7373
t_KeSatTbIY_Uls_u2p14[10]	8192
t_KeSatTbIY_Uls_u2p14[11]	9011
t_KeSatTbIY_Uls_u2p14[12]	10650
t_KeSatTbIY_Uls_u2p14[13]	12288
t_KeSatTbIY_Uls_u2p14[14]	13926
t_KeSatTbIY_Uls_u2p14[15]	15565
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	-33.8339996
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	25.1739998
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32

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CurrParamComp\_Per1

Name	Input Value		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	1	1	✔
MtrEstKe_VpRadpS_M_f32[0]	0.0410000011	0.0410000011	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0689999983	0.0689999983	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0689999983	0.0689999983	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000239999994	0.000239999994 ± 0.0000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000269999999	0.000269999999 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0149999997	0.0149999997	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

Test Step 2.25 (Repeat Count = 1)	
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0250000004
EstRFF_Ohm_M_f32	0.0283122994
FastDataAccessBufIndex_Cnt_M_u16	0
MtrEstKe_VpRadpS_M_f32[0]	0.0430000015
MtrEstKe_VpRadpS_M_f32[1]	0.0710000023
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0590000004
k_MaxLdRngLmt_Henry_f32	0.000230000005
k_MaxLqRngLmt_Henry_f32	0.000180000003
k_MaxRRngLmt_Ohm_f32	0.0160000008
k_MinKeRngLmt_VpRadpS_f32	0.0700000003
k_MinLdRngLmt_Henry_f32	0.000250000012
k_MinLqRngLmt_Henry_f32	0.000280000007
k_MinRRngLmt_Ohm_f32	0.0309999995
k_NomLd_Henry_f32	0.000180000003
k_NomLq_Henry_f32	0.000319999992
t2_CurrParamLdSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[4][5]	9830



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CurrParamComp\_Per1

Name	Input Value
t2_CurrParamLdSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938
t_CurrParamCompDaxRef_Amp_u9p7[0]	16640
t_CurrParamCompDaxRef_Amp_u9p7[1]	17920
t_CurrParamCompDaxRef_Amp_u9p7[2]	19200
t_CurrParamCompDaxRef_Amp_u9p7[3]	20480
t_CurrParamCompDaxRef_Amp_u9p7[4]	21760
t_CurrParamCompDaxRef_Amp_u9p7[5]	23040
t_CurrParamCompQaxRef_Amp_u9p7[0]	16640
t_CurrParamCompQaxRef_Amp_u9p7[1]	17920
t_CurrParamCompQaxRef_Amp_u9p7[2]	19200
t_CurrParamCompQaxRef_Amp_u9p7[3]	20480
t_CurrParamCompQaxRef_Amp_u9p7[4]	21760
t_CurrParamCompQaxRef_Amp_u9p7[5]	23040
t_CurrParamCompQaxRef_Amp_u9p7[6]	25600
t_KeSatTbIX_Amp_u9p7[0]	1280
t_KeSatTbIX_Amp_u9p7[1]	2560
t_KeSatTbIX_Amp_u9p7[2]	3840
t_KeSatTbIX_Amp_u9p7[3]	5120
t_KeSatTbIX_Amp_u9p7[4]	6400
t_KeSatTbIX_Amp_u9p7[5]	7680
t_KeSatTbIX_Amp_u9p7[6]	8960
t_KeSatTbIX_Amp_u9p7[7]	10240
t_KeSatTbIX_Amp_u9p7[8]	11520
t_KeSatTbIX_Amp_u9p7[9]	12800



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CurrParamComp\_Per1

Name	Input Value		
t_KeSatTbIX_Amp_u9p7[10]	14080		
t_KeSatTbIX_Amp_u9p7[11]	15360		
t_KeSatTbIX_Amp_u9p7[12]	16640		
t_KeSatTbIX_Amp_u9p7[13]	17920		
t_KeSatTbIX_Amp_u9p7[14]	19200		
t_KeSatTbIX_Amp_u9p7[15]	20480		
t_KeSatTbIY_Uls_u2p14[0]	1966		
t_KeSatTbIY_Uls_u2p14[1]	2130		
t_KeSatTbIY_Uls_u2p14[2]	2294		
t_KeSatTbIY_Uls_u2p14[3]	1802		
t_KeSatTbIY_Uls_u2p14[4]	2621		
t_KeSatTbIY_Uls_u2p14[5]	2785		
t_KeSatTbIY_Uls_u2p14[6]	3277		
t_KeSatTbIY_Uls_u2p14[7]	4915		
t_KeSatTbIY_Uls_u2p14[8]	2458		
t_KeSatTbIY_Uls_u2p14[9]	6554		
t_KeSatTbIY_Uls_u2p14[10]	1638		
t_KeSatTbIY_Uls_u2p14[11]	8192		
t_KeSatTbIY_Uls_u2p14[12]	9830		
t_KeSatTbIY_Uls_u2p14[13]	11469		
t_KeSatTbIY_Uls_u2p14[14]	13107		
t_KeSatTbIY_Uls_u2p14[15]	14746		
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	-35.6240005		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	26.1019993		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	1	1	✔
MtrEstKe_VpRadpS_M_f32[0]	0.0430000015	0.0430000015	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0700000003	0.0700000003	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0700000003	0.0700000003	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000250000012	0.000250000012 ± 0.0000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000280000007	0.000280000007 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0160000008	0.0160000008	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

Test Step 2.26 (Repeat Count = 1)	
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.075000003
EstRFF_Ohm_M_f32	0.0294124
FastDataAccessBufIndex_Cnt_M_u16	0
MtrEstKe_VpRadpS_M_f32[0]	0.0649999976
MtrEstKe_VpRadpS_M_f32[1]	0.0689999983
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0599999987
k_MaxLdRngLmt_Henry_f32	0.000239999994
k_MaxLqRngLmt_Henry_f32	0.000190000006
k_MaxRRngLmt_Ohm_f32	0.0170000009
k_MinKeRngLmt_VpRadpS_f32	0.0710000023
k_MinLdRngLmt_Henry_f32	0.000260000001
k_MinLqRngLmt_Henry_f32	0.000289999996
k_MinRRngLmt_Ohm_f32	0.0320000015
k_NomLd_Henry_f32	0.000190000006
k_NomLq_Henry_f32	0.000330000001
t2_CurrParamLdSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[0][5]	9830

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Name	Input Value
t2_CurrParamLdSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746

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Name	Input Value		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938		
t_CurrParamCompDaxRef_Amp_u9p7[0]	24320		
t_CurrParamCompDaxRef_Amp_u9p7[1]	25600		
t_CurrParamCompDaxRef_Amp_u9p7[2]	26880		
t_CurrParamCompDaxRef_Amp_u9p7[3]	27008		
t_CurrParamCompDaxRef_Amp_u9p7[4]	27136		
t_CurrParamCompDaxRef_Amp_u9p7[5]	16000		
t_CurrParamCompQaxRef_Amp_u9p7[0]	24320		
t_CurrParamCompQaxRef_Amp_u9p7[1]	25600		
t_CurrParamCompQaxRef_Amp_u9p7[2]	26880		
t_CurrParamCompQaxRef_Amp_u9p7[3]	27008		
t_CurrParamCompQaxRef_Amp_u9p7[4]	27136		
t_CurrParamCompQaxRef_Amp_u9p7[5]	16000		
t_CurrParamCompQaxRef_Amp_u9p7[6]	17280		
t_KeSatTbIX_Amp_u9p7[0]	1408		
t_KeSatTbIX_Amp_u9p7[1]	2816		
t_KeSatTbIX_Amp_u9p7[2]	4224		
t_KeSatTbIX_Amp_u9p7[3]	5632		
t_KeSatTbIX_Amp_u9p7[4]	7040		
t_KeSatTbIX_Amp_u9p7[5]	8448		
t_KeSatTbIX_Amp_u9p7[6]	9856		
t_KeSatTbIX_Amp_u9p7[7]	11264		
t_KeSatTbIX_Amp_u9p7[8]	12672		
t_KeSatTbIX_Amp_u9p7[9]	14080		
t_KeSatTbIX_Amp_u9p7[10]	15360		
t_KeSatTbIX_Amp_u9p7[11]	16640		
t_KeSatTbIX_Amp_u9p7[12]	17920		
t_KeSatTbIX_Amp_u9p7[13]	19200		
t_KeSatTbIX_Amp_u9p7[14]	20480		
t_KeSatTbIX_Amp_u9p7[15]	21760		
t_KeSatTbIY_Uls_u2p14[0]	2130		
t_KeSatTbIY_Uls_u2p14[1]	2294		
t_KeSatTbIY_Uls_u2p14[2]	2458		
t_KeSatTbIY_Uls_u2p14[3]	1966		
t_KeSatTbIY_Uls_u2p14[4]	2785		
t_KeSatTbIY_Uls_u2p14[5]	2949		
t_KeSatTbIY_Uls_u2p14[6]	3113		
t_KeSatTbIY_Uls_u2p14[7]	3277		
t_KeSatTbIY_Uls_u2p14[8]	2621		
t_KeSatTbIY_Uls_u2p14[9]	3441		
t_KeSatTbIY_Uls_u2p14[10]	1802		
t_KeSatTbIY_Uls_u2p14[11]	3604		
t_KeSatTbIY_Uls_u2p14[12]	3768		
t_KeSatTbIY_Uls_u2p14[13]	3932		
t_KeSatTbIY_Uls_u2p14[14]	4096		
t_KeSatTbIY_Uls_u2p14[15]	4260		
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	-37.4140015		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	27.0300007		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	1	1	✔
MtrEstKe_VpRadpS_M_f32[0]	0.0649999976	0.0649999976	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0710000023	0.0710000023	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0710000023	0.0710000023	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000260000001	0.000260000001 ± 0.0000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000289999996	0.000289999996 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0170000009	0.0170000009	✔

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CurrParamComp\_Per1

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

Test Step 2.27 (Repeat Count = 1)	
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0500000007
EstRFF_Ohm_M_f32	0.0375670008
FastDataAccessBufIndex_Cnt_M_u16	1
MtrEstKe_VpRadpS_M_f32[0]	0.0260000005
MtrEstKe_VpRadpS_M_f32[1]	0.0270000007
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0610000007
k_MaxLdRngLmt_Henry_f32	0.00025000012
k_MaxLqRngLmt_Henry_f32	0.000199999995
k_MaxRRngLmt_Ohm_f32	0.0179999992
k_MinKeRngLmt_VpRadpS_f32	0.0719999969
k_MinLdRngLmt_Henry_f32	0.00026999999
k_MinLqRngLmt_Henry_f32	0.000300000014
k_MinRRngLmt_Ohm_f32	0.0329999998
k_NomLd_Henry_f32	0.000199999995
k_NomLq_Henry_f32	0.000339999999
t2_CurrParamLdSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[0][2]	4915

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Name	Input Value
t2_CurrParamLqSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938
t_CurrParamCompDaxRef_Amp_u9p7[0]	1280
t_CurrParamCompDaxRef_Amp_u9p7[1]	2560
t_CurrParamCompDaxRef_Amp_u9p7[2]	3840
t_CurrParamCompDaxRef_Amp_u9p7[3]	5120
t_CurrParamCompDaxRef_Amp_u9p7[4]	6400
t_CurrParamCompDaxRef_Amp_u9p7[5]	7680
t_CurrParamCompQaxRef_Amp_u9p7[0]	1280
t_CurrParamCompQaxRef_Amp_u9p7[1]	2560
t_CurrParamCompQaxRef_Amp_u9p7[2]	3840
t_CurrParamCompQaxRef_Amp_u9p7[3]	5120
t_CurrParamCompQaxRef_Amp_u9p7[4]	6400
t_CurrParamCompQaxRef_Amp_u9p7[5]	7680
t_CurrParamCompQaxRef_Amp_u9p7[6]	8960
t_KeSatTblX_Amp_u9p7[0]	640
t_KeSatTblX_Amp_u9p7[1]	1920
t_KeSatTblX_Amp_u9p7[2]	3200
t_KeSatTblX_Amp_u9p7[3]	4480
t_KeSatTblX_Amp_u9p7[4]	5760
t_KeSatTblX_Amp_u9p7[5]	7040
t_KeSatTblX_Amp_u9p7[6]	8320
t_KeSatTblX_Amp_u9p7[7]	9600
t_KeSatTblX_Amp_u9p7[8]	10880
t_KeSatTblX_Amp_u9p7[9]	12160
t_KeSatTblX_Amp_u9p7[10]	13440
t_KeSatTblX_Amp_u9p7[11]	14720
t_KeSatTblX_Amp_u9p7[12]	16000
t_KeSatTblX_Amp_u9p7[13]	17280
t_KeSatTblX_Amp_u9p7[14]	18560
t_KeSatTblX_Amp_u9p7[15]	19840
t_KeSatTblY_Uls_u2p14[0]	1966
t_KeSatTblY_Uls_u2p14[1]	2130
t_KeSatTblY_Uls_u2p14[2]	6554
t_KeSatTblY_Uls_u2p14[3]	1802
t_KeSatTblY_Uls_u2p14[4]	2621

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CurrParamComp\_Per1

Name	Input Value		
t_KeSatTbIY_Uls_u2p14[5]	2784		
t_KeSatTbIY_Uls_u2p14[6]	4096		
t_KeSatTbIY_Uls_u2p14[7]	5734		
t_KeSatTbIY_Uls_u2p14[8]	2458		
t_KeSatTbIY_Uls_u2p14[9]	7373		
t_KeSatTbIY_Uls_u2p14[10]	8192		
t_KeSatTbIY_Uls_u2p14[11]	9011		
t_KeSatTbIY_Uls_u2p14[12]	10650		
t_KeSatTbIY_Uls_u2p14[13]	12288		
t_KeSatTbIY_Uls_u2p14[14]	13926		
t_KeSatTbIY_Uls_u2p14[15]	15565		
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	-39.2039986		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	-10.5640001		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	0	0	✔
MtrEstKe_VpRadpS_M_f32[0]	0.0719999969	0.0719999969	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0270000007	0.0270000007	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0719999969	0.0719999969	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.00026999999	0.00026999999 ± 0.000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000300000014	0.000300000014 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0179999992	0.0179999992	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

## Test Step 2.28 (Repeat Count = 1)

Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0480000004
EstRFF_Ohm_M_f32	0.00499999989
FastDataAccessBufIndex_Cnt_M_u16	0
MtrEstKe_VpRadpS_M_f32[0]	0.0280000009
MtrEstKe_VpRadpS_M_f32[1]	0.0289999992
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.061999999
k_MaxLdRngLmt_Henry_f32	0.00026000001
k_MaxLqRngLmt_Henry_f32	0.00020999998
k_MaxRRngLmt_Ohm_f32	0.0189999994
k_MinKeRngLmt_VpRadpS_f32	0.0729999989
k_MinLdRngLmt_Henry_f32	0.000280000007
k_MinLqRngLmt_Henry_f32	0.00031000003
k_MinRRngLmt_Ohm_f32	0.0340000018
k_NomLd_Henry_f32	0.00020999998
k_NomLq_Henry_f32	0.000349999988
t2_CurrParamLdSatScIFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatScIFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatScIFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatScIFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatScIFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatScIFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatScIFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatScIFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatScIFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatScIFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatScIFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatScIFac_Uls_u2p14[2][2]	27853

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CurrParamComp\_Per1

Name	Input Value
t2_CurrParamLdSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938
t_CurrParamCompDaxRef_Amp_u9p7[0]	1408
t_CurrParamCompDaxRef_Amp_u9p7[1]	2816
t_CurrParamCompDaxRef_Amp_u9p7[2]	4224
t_CurrParamCompDaxRef_Amp_u9p7[3]	5632
t_CurrParamCompDaxRef_Amp_u9p7[4]	7040
t_CurrParamCompDaxRef_Amp_u9p7[5]	8448



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CurrParamComp\_Per1

Name	Input Value		
t_CurrParamCompQaxRef_Amp_u9p7[0]	1408		
t_CurrParamCompQaxRef_Amp_u9p7[1]	2816		
t_CurrParamCompQaxRef_Amp_u9p7[2]	4224		
t_CurrParamCompQaxRef_Amp_u9p7[3]	5632		
t_CurrParamCompQaxRef_Amp_u9p7[4]	7040		
t_CurrParamCompQaxRef_Amp_u9p7[5]	8448		
t_CurrParamCompQaxRef_Amp_u9p7[6]	9856		
t_KeSatTblX_Amp_u9p7[0]	1280		
t_KeSatTblX_Amp_u9p7[1]	2560		
t_KeSatTblX_Amp_u9p7[2]	3840		
t_KeSatTblX_Amp_u9p7[3]	5120		
t_KeSatTblX_Amp_u9p7[4]	6400		
t_KeSatTblX_Amp_u9p7[5]	7680		
t_KeSatTblX_Amp_u9p7[6]	8960		
t_KeSatTblX_Amp_u9p7[7]	10240		
t_KeSatTblX_Amp_u9p7[8]	11520		
t_KeSatTblX_Amp_u9p7[9]	12800		
t_KeSatTblX_Amp_u9p7[10]	14080		
t_KeSatTblX_Amp_u9p7[11]	15360		
t_KeSatTblX_Amp_u9p7[12]	16640		
t_KeSatTblX_Amp_u9p7[13]	17920		
t_KeSatTblX_Amp_u9p7[14]	19200		
t_KeSatTblX_Amp_u9p7[15]	20480		
t_KeSatTblY_Uls_u2p14[0]	1966		
t_KeSatTblY_Uls_u2p14[1]	2130		
t_KeSatTblY_Uls_u2p14[2]	2294		
t_KeSatTblY_Uls_u2p14[3]	1802		
t_KeSatTblY_Uls_u2p14[4]	2621		
t_KeSatTblY_Uls_u2p14[5]	2785		
t_KeSatTblY_Uls_u2p14[6]	3277		
t_KeSatTblY_Uls_u2p14[7]	4915		
t_KeSatTblY_Uls_u2p14[8]	2458		
t_KeSatTblY_Uls_u2p14[9]	6554		
t_KeSatTblY_Uls_u2p14[10]	1638		
t_KeSatTblY_Uls_u2p14[11]	8192		
t_KeSatTblY_Uls_u2p14[12]	9830		
t_KeSatTblY_Uls_u2p14[13]	11469		
t_KeSatTblY_Uls_u2p14[14]	13107		
t_KeSatTblY_Uls_u2p14[15]	14746		
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	-40.9939995		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	-12.3540001		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	1	1	✔
MtrEstKe_VpRadpS_M_f32[0]	0.0280000009	0.0280000009	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0729999989	0.0729999989	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0729999989	0.0729999989	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000280000007	0.000280000007 ± 0.0000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000310000003	0.000310000003 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0340000018	0.0340000018	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

Test Step 2.29 (Repeat Count = 1)	
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0489999987
EstRFF_Ohm_M_f32	0.125650004
FastDataAccessBufIndex_Cnt_M_u16	1
MtrEstKe_VpRadpS_M_f32[0]	0.0299999993
MtrEstKe_VpRadpS_M_f32[1]	0.0309999995



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Name	Input Value
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.063000001
k_MaxLdRngLmt_Henry_f32	0.00026999999
k_MaxLqRngLmt_Henry_f32	0.000220000002
k_MaxRRngLmt_Ohm_f32	0.0199999996
k_MinKeRngLmt_VpRadpS_f32	0.0260000005
k_MinLdRngLmt_Henry_f32	0.000289999996
k_MinLqRngLmt_Henry_f32	0.000319999992
k_MinRRngLmt_Ohm_f32	0.0350000001
k_NomLd_Henry_f32	0.000220000002
k_NomLq_Henry_f32	0.000360000005
t2_CurrParamLdSatScIFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatScIFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatScIFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatScIFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatScIFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatScIFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatScIFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatScIFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatScIFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatScIFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatScIFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatScIFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatScIFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatScIFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatScIFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatScIFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatScIFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatScIFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatScIFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatScIFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatScIFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatScIFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatScIFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatScIFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatScIFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatScIFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatScIFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatScIFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatScIFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatScIFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatScIFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatScIFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatScIFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatScIFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatScIFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatScIFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatScIFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatScIFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatScIFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatScIFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatScIFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatScIFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatScIFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatScIFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatScIFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatScIFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatScIFac_Uls_u2p14[2][5]	31949

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CurrParamComp\_Per1

Name	Input Value
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938
t_CurrParamCompDaxRef_Amp_u9p7[0]	8960
t_CurrParamCompDaxRef_Amp_u9p7[1]	10240
t_CurrParamCompDaxRef_Amp_u9p7[2]	11520
t_CurrParamCompDaxRef_Amp_u9p7[3]	12800
t_CurrParamCompDaxRef_Amp_u9p7[4]	14080
t_CurrParamCompDaxRef_Amp_u9p7[5]	15360
t_CurrParamCompQaxRef_Amp_u9p7[0]	16640
t_CurrParamCompQaxRef_Amp_u9p7[1]	17920
t_CurrParamCompQaxRef_Amp_u9p7[2]	19200
t_CurrParamCompQaxRef_Amp_u9p7[3]	20480
t_CurrParamCompQaxRef_Amp_u9p7[4]	21760
t_CurrParamCompQaxRef_Amp_u9p7[5]	23040
t_CurrParamCompQaxRef_Amp_u9p7[6]	25600
t_KeSatTblX_Amp_u9p7[0]	1408
t_KeSatTblX_Amp_u9p7[1]	2816
t_KeSatTblX_Amp_u9p7[2]	4224
t_KeSatTblX_Amp_u9p7[3]	5632
t_KeSatTblX_Amp_u9p7[4]	7040
t_KeSatTblX_Amp_u9p7[5]	8448
t_KeSatTblX_Amp_u9p7[6]	9856
t_KeSatTblX_Amp_u9p7[7]	11264
t_KeSatTblX_Amp_u9p7[8]	12672
t_KeSatTblX_Amp_u9p7[9]	14080
t_KeSatTblX_Amp_u9p7[10]	15360
t_KeSatTblX_Amp_u9p7[11]	16640
t_KeSatTblX_Amp_u9p7[12]	17920
t_KeSatTblX_Amp_u9p7[13]	19200
t_KeSatTblX_Amp_u9p7[14]	20480
t_KeSatTblX_Amp_u9p7[15]	21760
t_KeSatTblY_Uls_u2p14[0]	2130
t_KeSatTblY_Uls_u2p14[1]	2294
t_KeSatTblY_Uls_u2p14[2]	2458
t_KeSatTblY_Uls_u2p14[3]	1966
t_KeSatTblY_Uls_u2p14[4]	2785
t_KeSatTblY_Uls_u2p14[5]	2949
t_KeSatTblY_Uls_u2p14[6]	3113
t_KeSatTblY_Uls_u2p14[7]	3277
t_KeSatTblY_Uls_u2p14[8]	2621
t_KeSatTblY_Uls_u2p14[9]	3441
t_KeSatTblY_Uls_u2p14[10]	1802
t_KeSatTblY_Uls_u2p14[11]	3604
t_KeSatTblY_Uls_u2p14[12]	3768
t_KeSatTblY_Uls_u2p14[13]	3932
t_KeSatTblY_Uls_u2p14[14]	4096
t_KeSatTblY_Uls_u2p14[15]	4260
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	-42.7840004
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	-14.1440001
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32

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Name	Input Value		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	0	0	✔
MtrEstKe_VpRadpS_M_f32[0]	0.0260000005	0.0260000005	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0309999995	0.0309999995	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0260000005	0.0260000005	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000289999996	0.000289999996 ± 0.0000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000319999992	0.000319999992 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0199999996	0.0199999996	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

Test Step 2.30 (Repeat Count = 1)	
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0500000007
EstRFF_Ohm_M_f32	0.00600000005
FastDataAccessBufIndex_Cnt_M_u16	0
MtrEstKe_VpRadpS_M_f32[0]	0.0410000011
MtrEstKe_VpRadpS_M_f32[1]	0.0450000018
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.064000003
k_MaxLdRngLmt_Henry_f32	0.000280000007
k_MaxLqRngLmt_Henry_f32	0.000230000005
k_MaxRRngLmt_Ohm_f32	0.0209999997
k_MinKeRngLmt_VpRadpS_f32	0.0270000007
k_MinLdRngLmt_Henry_f32	0.000300000014
k_MinLqRngLmt_Henry_f32	0.000330000001
k_MinRRngLmt_Ohm_f32	0.0359999985
k_NomLd_Henry_f32	0.000230000005
k_NomLq_Henry_f32	0.000369999994
t2_CurrParamLdSatScIFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatScIFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatScIFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatScIFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatScIFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatScIFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatScIFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatScIFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatScIFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatScIFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatScIFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatScIFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatScIFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatScIFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatScIFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatScIFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatScIFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatScIFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatScIFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatScIFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatScIFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[4][5]	9830

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Name	Input Value
t2_CurrParamLdSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938
t_CurrParamCompDaxRef_Amp_u9p7[0]	16640
t_CurrParamCompDaxRef_Amp_u9p7[1]	17920
t_CurrParamCompDaxRef_Amp_u9p7[2]	19200
t_CurrParamCompDaxRef_Amp_u9p7[3]	20480
t_CurrParamCompDaxRef_Amp_u9p7[4]	21760
t_CurrParamCompDaxRef_Amp_u9p7[5]	23040
t_CurrParamCompQaxRef_Amp_u9p7[0]	24320
t_CurrParamCompQaxRef_Amp_u9p7[1]	25600
t_CurrParamCompQaxRef_Amp_u9p7[2]	26880
t_CurrParamCompQaxRef_Amp_u9p7[3]	27008
t_CurrParamCompQaxRef_Amp_u9p7[4]	27136
t_CurrParamCompQaxRef_Amp_u9p7[5]	16000
t_CurrParamCompQaxRef_Amp_u9p7[6]	17280
t_KeSatTbIX_Amp_u9p7[0]	640
t_KeSatTbIX_Amp_u9p7[1]	1920
t_KeSatTbIX_Amp_u9p7[2]	3200
t_KeSatTbIX_Amp_u9p7[3]	4480
t_KeSatTbIX_Amp_u9p7[4]	5760
t_KeSatTbIX_Amp_u9p7[5]	7040
t_KeSatTbIX_Amp_u9p7[6]	8320
t_KeSatTbIX_Amp_u9p7[7]	9600
t_KeSatTbIX_Amp_u9p7[8]	10880
t_KeSatTbIX_Amp_u9p7[9]	12160

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Name	Input Value
t_KeSatTbIX_Amp_u9p7[10]	13440
t_KeSatTbIX_Amp_u9p7[11]	14720
t_KeSatTbIX_Amp_u9p7[12]	16000
t_KeSatTbIX_Amp_u9p7[13]	17280
t_KeSatTbIX_Amp_u9p7[14]	18560
t_KeSatTbIX_Amp_u9p7[15]	19840
t_KeSatTbIY_Uls_u2p14[0]	1966
t_KeSatTbIY_Uls_u2p14[1]	2130
t_KeSatTbIY_Uls_u2p14[2]	6554
t_KeSatTbIY_Uls_u2p14[3]	1802
t_KeSatTbIY_Uls_u2p14[4]	2621
t_KeSatTbIY_Uls_u2p14[5]	2785
t_KeSatTbIY_Uls_u2p14[6]	4096
t_KeSatTbIY_Uls_u2p14[7]	5734
t_KeSatTbIY_Uls_u2p14[8]	2458
t_KeSatTbIY_Uls_u2p14[9]	7373
t_KeSatTbIY_Uls_u2p14[10]	8192
t_KeSatTbIY_Uls_u2p14[11]	9011
t_KeSatTbIY_Uls_u2p14[12]	10650
t_KeSatTbIY_Uls_u2p14[13]	12288
t_KeSatTbIY_Uls_u2p14[14]	13926
t_KeSatTbIY_Uls_u2p14[15]	15565
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	-44.5740013
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	-15.934
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32

Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	1	1	✓
MtrEstKe_VpRadpS_M_f32[0]	0.0410000011	0.0410000011	✓
MtrEstKe_VpRadpS_M_f32[1]	0.0270000007	0.0270000007	✓
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0270000007	0.0270000007	✓
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000300000014	0.000300000014 ± 0.0000000009	✓
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000330000001	0.000330000001 ± 0.0625	✓
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0359999985	0.0359999985	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

## Test Step 2.31 (Repeat Count = 1)

Name	Input Value
EstKeFF_VpRadpS_M_f32	0.050999999
EstRFF_Ohm_M_f32	0.0317450017
FastDataAccessBufIndex_Cnt_M_u16	1
MtrEstKe_VpRadpS_M_f32[0]	0.0430000015
MtrEstKe_VpRadpS_M_f32[1]	0.0710000023
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0649999976
k_MaxLdRngLmt_Henry_f32	0.000289999996
k_MaxLqRngLmt_Henry_f32	0.000269999999
k_MaxRRngLmt_Ohm_f32	0.0219999999
k_MinKeRngLmt_VpRadpS_f32	0.0280000009
k_MinLdRngLmt_Henry_f32	0.000310000003
k_MinLqRngLmt_Henry_f32	0.000220000002
k_MinRRngLmt_Ohm_f32	0.0370000005
k_NomLd_Henry_f32	0.000239999994
k_NomLq_Henry_f32	2.99999992e-005
t2_CurrParamLdSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[0][5]	9830

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Name	Input Value
t2_CurrParamLdSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746

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Name	Input Value		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938		
t_CurrParamCompDaxRef_Amp_u9p7[0]	24320		
t_CurrParamCompDaxRef_Amp_u9p7[1]	25600		
t_CurrParamCompDaxRef_Amp_u9p7[2]	26880		
t_CurrParamCompDaxRef_Amp_u9p7[3]	27008		
t_CurrParamCompDaxRef_Amp_u9p7[4]	27136		
t_CurrParamCompDaxRef_Amp_u9p7[5]	16000		
t_CurrParamCompQaxRef_Amp_u9p7[0]	1280		
t_CurrParamCompQaxRef_Amp_u9p7[1]	2560		
t_CurrParamCompQaxRef_Amp_u9p7[2]	3840		
t_CurrParamCompQaxRef_Amp_u9p7[3]	5120		
t_CurrParamCompQaxRef_Amp_u9p7[4]	6400		
t_CurrParamCompQaxRef_Amp_u9p7[5]	7680		
t_CurrParamCompQaxRef_Amp_u9p7[6]	8960		
t_KeSatTblX_Amp_u9p7[0]	1280		
t_KeSatTblX_Amp_u9p7[1]	2560		
t_KeSatTblX_Amp_u9p7[2]	3840		
t_KeSatTblX_Amp_u9p7[3]	5120		
t_KeSatTblX_Amp_u9p7[4]	6400		
t_KeSatTblX_Amp_u9p7[5]	7680		
t_KeSatTblX_Amp_u9p7[6]	8960		
t_KeSatTblX_Amp_u9p7[7]	10240		
t_KeSatTblX_Amp_u9p7[8]	11520		
t_KeSatTblX_Amp_u9p7[9]	12800		
t_KeSatTblX_Amp_u9p7[10]	14080		
t_KeSatTblX_Amp_u9p7[11]	15360		
t_KeSatTblX_Amp_u9p7[12]	16640		
t_KeSatTblX_Amp_u9p7[13]	17920		
t_KeSatTblX_Amp_u9p7[14]	19200		
t_KeSatTblX_Amp_u9p7[15]	20480		
t_KeSatTblY_Uls_u2p14[0]	1966		
t_KeSatTblY_Uls_u2p14[1]	2130		
t_KeSatTblY_Uls_u2p14[2]	2294		
t_KeSatTblY_Uls_u2p14[3]	1802		
t_KeSatTblY_Uls_u2p14[4]	2621		
t_KeSatTblY_Uls_u2p14[5]	2785		
t_KeSatTblY_Uls_u2p14[6]	3277		
t_KeSatTblY_Uls_u2p14[7]	4915		
t_KeSatTblY_Uls_u2p14[8]	2458		
t_KeSatTblY_Uls_u2p14[9]	6554		
t_KeSatTblY_Uls_u2p14[10]	1638		
t_KeSatTblY_Uls_u2p14[11]	8192		
t_KeSatTblY_Uls_u2p14[12]	9830		
t_KeSatTblY_Uls_u2p14[13]	11469		
t_KeSatTblY_Uls_u2p14[14]	13107		
t_KeSatTblY_Uls_u2p14[15]	14746		
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	-46.3639984		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	-17.7240009		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	0	0	✔
MtrEstKe_VpRadpS_M_f32[0]	0.0280000009	0.0280000009	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0710000023	0.0710000023	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0280000009	0.0280000009	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000310000003	0.000310000003 ± 0.0000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000220000002	0.000220000002 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0219999999	0.0219999999	✔



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Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

Test Step 2.32 (Repeat Count = 1)	
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0520000011
EstRFF_Ohm_M_f32	0.0354234017
FastDataAccessBufIndex_Cnt_M_u16	0
MtrEstKe_VpRadpS_M_f32[0]	0.0649999976
MtrEstKe_VpRadpS_M_f32[1]	0.0689999983
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0659999996
k_MaxLdRngLmt_Henry_f32	0.000300000014
k_MaxLqRngLmt_Henry_f32	0.000280000007
k_MaxRRngLmt_Ohm_f32	0.023
k_MinKeRngLmt_VpRadpS_f32	0.0289999992
k_MinLdRngLmt_Henry_f32	0.000319999992
k_MinLqRngLmt_Henry_f32	0.000230000005
k_MinRRngLmt_Ohm_f32	0.0379999988
k_NomLd_Henry_f32	0.000250000012
k_NomLq_Henry_f32	0.000410000008
t2_CurrParamLdSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[0][2]	4915



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CurrParamComp\_Per1

Name	Input Value
t2_CurrParamLqSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938
t_CurrParamCompDaxRef_Amp_u9p7[0]	1280
t_CurrParamCompDaxRef_Amp_u9p7[1]	2560
t_CurrParamCompDaxRef_Amp_u9p7[2]	3840
t_CurrParamCompDaxRef_Amp_u9p7[3]	5120
t_CurrParamCompDaxRef_Amp_u9p7[4]	6400
t_CurrParamCompDaxRef_Amp_u9p7[5]	7680
t_CurrParamCompQaxRef_Amp_u9p7[0]	1408
t_CurrParamCompQaxRef_Amp_u9p7[1]	2816
t_CurrParamCompQaxRef_Amp_u9p7[2]	4224
t_CurrParamCompQaxRef_Amp_u9p7[3]	5632
t_CurrParamCompQaxRef_Amp_u9p7[4]	7040
t_CurrParamCompQaxRef_Amp_u9p7[5]	8448
t_CurrParamCompQaxRef_Amp_u9p7[6]	9856
t_KeSatTblX_Amp_u9p7[0]	1408
t_KeSatTblX_Amp_u9p7[1]	2816
t_KeSatTblX_Amp_u9p7[2]	4224
t_KeSatTblX_Amp_u9p7[3]	5632
t_KeSatTblX_Amp_u9p7[4]	7040
t_KeSatTblX_Amp_u9p7[5]	8448
t_KeSatTblX_Amp_u9p7[6]	9856
t_KeSatTblX_Amp_u9p7[7]	11264
t_KeSatTblX_Amp_u9p7[8]	12672
t_KeSatTblX_Amp_u9p7[9]	14080
t_KeSatTblX_Amp_u9p7[10]	15360
t_KeSatTblX_Amp_u9p7[11]	16640
t_KeSatTblX_Amp_u9p7[12]	17920
t_KeSatTblX_Amp_u9p7[13]	19200
t_KeSatTblX_Amp_u9p7[14]	20480
t_KeSatTblX_Amp_u9p7[15]	21760
t_KeSatTblY_Uls_u2p14[0]	4915
t_KeSatTblY_Uls_u2p14[1]	6554
t_KeSatTblY_Uls_u2p14[2]	8192
t_KeSatTblY_Uls_u2p14[3]	3277
t_KeSatTblY_Uls_u2p14[4]	11469

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CurrParamComp\_Per1

Name	Input Value		
t_KeSatTbIY_Uls_u2p14[5]	13107		
t_KeSatTbIY_Uls_u2p14[6]	13271		
t_KeSatTbIY_Uls_u2p14[7]	13984		
t_KeSatTbIY_Uls_u2p14[8]	9830		
t_KeSatTbIY_Uls_u2p14[9]	14336		
t_KeSatTbIY_Uls_u2p14[10]	1638		
t_KeSatTbIY_Uls_u2p14[11]	14549		
t_KeSatTbIY_Uls_u2p14[12]	14623		
t_KeSatTbIY_Uls_u2p14[13]	14909		
t_KeSatTbIY_Uls_u2p14[14]	14982		
t_KeSatTbIY_Uls_u2p14[15]	16356		
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	-48.1539993		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	-19.5139999		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	1	1	✔
MtrEstKe_VpRadpS_M_f32[0]	0.0649999976	0.0649999976	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0289999992	0.0289999992	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0289999992	0.0289999992	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.00031999992	0.00031999992 ± 0.000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000230000005	0.000230000005 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.023	0.023	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

Test Step 2.33 (Repeat Count = 1)	
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0529999994
EstRFF_Ohm_M_f32	0.0398560017
FastDataAccessBufIndex_Cnt_M_u16	1
MtrEstKe_VpRadpS_M_f32[0]	0.0260000005
MtrEstKe_VpRadpS_M_f32[1]	0.0270000007
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0670000017
k_MaxLdRngLmt_Henry_f32	0.000310000003
k_MaxLqRngLmt_Henry_f32	0.000289999996
k_MaxRRngLmt_Ohm_f32	0.0240000002
k_MinKeRngLmt_VpRadpS_f32	0.0299999993
k_MinLdRngLmt_Henry_f32	0.000330000001
k_MinLqRngLmt_Henry_f32	0.000239999994
k_MinRRngLmt_Ohm_f32	0.0390000008
k_NomLd_Henry_f32	0.000260000001
k_NomLq_Henry_f32	0.000118889999
t2_CurrParamLdSatScIFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatScIFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatScIFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatScIFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatScIFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatScIFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatScIFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatScIFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatScIFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatScIFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatScIFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatScIFac_Uls_u2p14[2][2]	27853

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CurrParamComp\_Per1

Name	Input Value
t2_CurrParamLdSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938
t_CurrParamCompDaxRef_Amp_u9p7[0]	1408
t_CurrParamCompDaxRef_Amp_u9p7[1]	2816
t_CurrParamCompDaxRef_Amp_u9p7[2]	4224
t_CurrParamCompDaxRef_Amp_u9p7[3]	5632
t_CurrParamCompDaxRef_Amp_u9p7[4]	7040
t_CurrParamCompDaxRef_Amp_u9p7[5]	8448

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CurrParamComp\_Per1

Name	Input Value		
t_CurrParamCompQaxRef_Amp_u9p7[0]	16640		
t_CurrParamCompQaxRef_Amp_u9p7[1]	17920		
t_CurrParamCompQaxRef_Amp_u9p7[2]	19200		
t_CurrParamCompQaxRef_Amp_u9p7[3]	20480		
t_CurrParamCompQaxRef_Amp_u9p7[4]	21760		
t_CurrParamCompQaxRef_Amp_u9p7[5]	23040		
t_CurrParamCompQaxRef_Amp_u9p7[6]	25600		
t_KeSatTblX_Amp_u9p7[0]	640		
t_KeSatTblX_Amp_u9p7[1]	1920		
t_KeSatTblX_Amp_u9p7[2]	3200		
t_KeSatTblX_Amp_u9p7[3]	4480		
t_KeSatTblX_Amp_u9p7[4]	5760		
t_KeSatTblX_Amp_u9p7[5]	7040		
t_KeSatTblX_Amp_u9p7[6]	8320		
t_KeSatTblX_Amp_u9p7[7]	9600		
t_KeSatTblX_Amp_u9p7[8]	10880		
t_KeSatTblX_Amp_u9p7[9]	12160		
t_KeSatTblX_Amp_u9p7[10]	13440		
t_KeSatTblX_Amp_u9p7[11]	14720		
t_KeSatTblX_Amp_u9p7[12]	16000		
t_KeSatTblX_Amp_u9p7[13]	17280		
t_KeSatTblX_Amp_u9p7[14]	18560		
t_KeSatTblX_Amp_u9p7[15]	19840		
t_KeSatTblY_Uls_u2p14[0]	2130		
t_KeSatTblY_Uls_u2p14[1]	2294		
t_KeSatTblY_Uls_u2p14[2]	2458		
t_KeSatTblY_Uls_u2p14[3]	1966		
t_KeSatTblY_Uls_u2p14[4]	2785		
t_KeSatTblY_Uls_u2p14[5]	2949		
t_KeSatTblY_Uls_u2p14[6]	3113		
t_KeSatTblY_Uls_u2p14[7]	3277		
t_KeSatTblY_Uls_u2p14[8]	2621		
t_KeSatTblY_Uls_u2p14[9]	3441		
t_KeSatTblY_Uls_u2p14[10]	1802		
t_KeSatTblY_Uls_u2p14[11]	3604		
t_KeSatTblY_Uls_u2p14[12]	3768		
t_KeSatTblY_Uls_u2p14[13]	3932		
t_KeSatTblY_Uls_u2p14[14]	4096		
t_KeSatTblY_Uls_u2p14[15]	4260		
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	155.350006		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	-21.3040009		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3:	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3:	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	0	0	✔
MtrEstKe_VpRadpS_M_f32[0]	0.0299999993	0.0299999993	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0270000007	0.0270000007	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0299999993	0.0299999993	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.00033000001	0.00033000001 ± 0.0000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000239999994	0.000239999994 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0240000002	0.0240000002	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

Test Step 2.34 (Repeat Count = 1)	
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0540000014
EstRFF_Ohm_M_f32	0.0434233993
FastDataAccessBufIndex_Cnt_M_u16	0
MtrEstKe_VpRadpS_M_f32[0]	0.0280000009
MtrEstKe_VpRadpS_M_f32[1]	0.0289999992

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Name	Input Value
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0680000037
k_MaxLdRngLmt_Henry_f32	0.000319999992
k_MaxLqRngLmt_Henry_f32	0.000300000014
k_MaxRRngLmt_Ohm_f32	0.0250000004
k_MinKeRngLmt_VpRadpS_f32	0.0309999995
k_MinLdRngLmt_Henry_f32	0.000220000002
k_MinLqRngLmt_Henry_f32	0.000250000012
k_MinRRngLmt_Ohm_f32	0.0399999991
k_NomLd_Henry_f32	2.99999992e-005
k_NomLq_Henry_f32	3.9999999e-005
t2_CurrParamLdSatScIFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatScIFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatScIFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatScIFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatScIFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatScIFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatScIFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatScIFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatScIFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatScIFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatScIFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatScIFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatScIFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatScIFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatScIFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatScIFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatScIFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatScIFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatScIFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatScIFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatScIFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatScIFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatScIFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatScIFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatScIFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatScIFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatScIFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatScIFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatScIFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatScIFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatScIFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatScIFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatScIFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatScIFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatScIFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatScIFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatScIFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatScIFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatScIFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatScIFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatScIFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatScIFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatScIFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatScIFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatScIFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatScIFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatScIFac_Uls_u2p14[2][5]	31949

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Name	Input Value
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938
t_CurrParamCompDaxRef_Amp_u9p7[0]	8960
t_CurrParamCompDaxRef_Amp_u9p7[1]	10240
t_CurrParamCompDaxRef_Amp_u9p7[2]	11520
t_CurrParamCompDaxRef_Amp_u9p7[3]	12800
t_CurrParamCompDaxRef_Amp_u9p7[4]	14080
t_CurrParamCompDaxRef_Amp_u9p7[5]	15360
t_CurrParamCompQaxRef_Amp_u9p7[0]	24320
t_CurrParamCompQaxRef_Amp_u9p7[1]	25600
t_CurrParamCompQaxRef_Amp_u9p7[2]	26880
t_CurrParamCompQaxRef_Amp_u9p7[3]	27008
t_CurrParamCompQaxRef_Amp_u9p7[4]	27136
t_CurrParamCompQaxRef_Amp_u9p7[5]	16000
t_CurrParamCompQaxRef_Amp_u9p7[6]	17280
t_KeSatTblX_Amp_u9p7[0]	1280
t_KeSatTblX_Amp_u9p7[1]	2560
t_KeSatTblX_Amp_u9p7[2]	3840
t_KeSatTblX_Amp_u9p7[3]	5120
t_KeSatTblX_Amp_u9p7[4]	6400
t_KeSatTblX_Amp_u9p7[5]	7680
t_KeSatTblX_Amp_u9p7[6]	8960
t_KeSatTblX_Amp_u9p7[7]	10240
t_KeSatTblX_Amp_u9p7[8]	11520
t_KeSatTblX_Amp_u9p7[9]	12800
t_KeSatTblX_Amp_u9p7[10]	14080
t_KeSatTblX_Amp_u9p7[11]	15360
t_KeSatTblX_Amp_u9p7[12]	16640
t_KeSatTblX_Amp_u9p7[13]	17920
t_KeSatTblX_Amp_u9p7[14]	19200
t_KeSatTblX_Amp_u9p7[15]	20480
t_KeSatTblY_Uls_u2p14[0]	4096
t_KeSatTblY_Uls_u2p14[1]	5734
t_KeSatTblY_Uls_u2p14[2]	7373
t_KeSatTblY_Uls_u2p14[3]	2458
t_KeSatTblY_Uls_u2p14[4]	10650
t_KeSatTblY_Uls_u2p14[5]	12288
t_KeSatTblY_Uls_u2p14[6]	13926
t_KeSatTblY_Uls_u2p14[7]	14082
t_KeSatTblY_Uls_u2p14[8]	9011
t_KeSatTblY_Uls_u2p14[9]	14254
t_KeSatTblY_Uls_u2p14[10]	819
t_KeSatTblY_Uls_u2p14[11]	14285
t_KeSatTblY_Uls_u2p14[12]	14439
t_KeSatTblY_Uls_u2p14[13]	6554
t_KeSatTblY_Uls_u2p14[14]	14606
t_KeSatTblY_Uls_u2p14[15]	16244
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	158.324005
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	-23.0939999
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32

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Name	Input Value		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	1	1	✔
MtrEstKe_VpRadpS_M_f32[0]	0.0280000009	0.0280000009	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0309999995	0.0309999995	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0309999995	0.0309999995	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000220000002	0.000220000002 ± 0.0000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000250000012	0.000250000012 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0250000004	0.0250000004	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

Test Step 2.35 (Repeat Count = 1)	
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0549999997
EstRFF_Ohm_M_f32	0.0476866998
FastDataAccessBufIndex_Cnt_M_u16	1
MtrEstKe_VpRadpS_M_f32[0]	0.0299999993
MtrEstKe_VpRadpS_M_f32[1]	0.0309999995
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0689999983
k_MaxLdRngLmt_Henry_f32	0.000330000001
k_MaxLqRngLmt_Henry_f32	0.000310000003
k_MaxRRngLmt_Ohm_f32	0.0260000005
k_MinKeRngLmt_VpRadpS_f32	0.0320000015
k_MinLdRngLmt_Henry_f32	0.000230000005
k_MinLqRngLmt_Henry_f32	0.000260000001
k_MinRRngLmt_Ohm_f32	0.0410000011
k_NomLd_Henry_f32	0.000410000008
k_NomLq_Henry_f32	4.99999987e-005
t2_CurrParamLdSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[4][5]	9830



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Name	Input Value
t2_CurrParamLdSatScIFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatScIFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatScIFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatScIFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatScIFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatScIFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatScIFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatScIFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatScIFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatScIFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatScIFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatScIFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatScIFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatScIFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatScIFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatScIFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatScIFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatScIFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatScIFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatScIFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatScIFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatScIFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatScIFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatScIFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatScIFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatScIFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatScIFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatScIFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatScIFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatScIFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatScIFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatScIFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatScIFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatScIFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatScIFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatScIFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatScIFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatScIFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatScIFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatScIFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatScIFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatScIFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatScIFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatScIFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatScIFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatScIFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatScIFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatScIFac_Uls_u2p14[5][6]	22938
t_CurrParamCompDaxRef_Amp_u9p7[0]	16640
t_CurrParamCompDaxRef_Amp_u9p7[1]	17920
t_CurrParamCompDaxRef_Amp_u9p7[2]	19200
t_CurrParamCompDaxRef_Amp_u9p7[3]	20480
t_CurrParamCompDaxRef_Amp_u9p7[4]	21760
t_CurrParamCompDaxRef_Amp_u9p7[5]	23040
t_CurrParamCompQaxRef_Amp_u9p7[0]	1280
t_CurrParamCompQaxRef_Amp_u9p7[1]	2560
t_CurrParamCompQaxRef_Amp_u9p7[2]	3840
t_CurrParamCompQaxRef_Amp_u9p7[3]	5120
t_CurrParamCompQaxRef_Amp_u9p7[4]	6400
t_CurrParamCompQaxRef_Amp_u9p7[5]	7680
t_CurrParamCompQaxRef_Amp_u9p7[6]	8960
t_KeSatTbIX_Amp_u9p7[0]	1408
t_KeSatTbIX_Amp_u9p7[1]	2816
t_KeSatTbIX_Amp_u9p7[2]	4224
t_KeSatTbIX_Amp_u9p7[3]	5632
t_KeSatTbIX_Amp_u9p7[4]	7040
t_KeSatTbIX_Amp_u9p7[5]	8448
t_KeSatTbIX_Amp_u9p7[6]	9856
t_KeSatTbIX_Amp_u9p7[7]	11264
t_KeSatTbIX_Amp_u9p7[8]	12672
t_KeSatTbIX_Amp_u9p7[9]	14080



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Name	Input Value
t_KeSatTbIX_Amp_u9p7[10]	15360
t_KeSatTbIX_Amp_u9p7[11]	16640
t_KeSatTbIX_Amp_u9p7[12]	17920
t_KeSatTbIX_Amp_u9p7[13]	19200
t_KeSatTbIX_Amp_u9p7[14]	20480
t_KeSatTbIX_Amp_u9p7[15]	21760
t_KeSatTbIY_Uls_u2p14[0]	1966
t_KeSatTbIY_Uls_u2p14[1]	2130
t_KeSatTbIY_Uls_u2p14[2]	2294
t_KeSatTbIY_Uls_u2p14[3]	1802
t_KeSatTbIY_Uls_u2p14[4]	2621
t_KeSatTbIY_Uls_u2p14[5]	2785
t_KeSatTbIY_Uls_u2p14[6]	3277
t_KeSatTbIY_Uls_u2p14[7]	4915
t_KeSatTbIY_Uls_u2p14[8]	2458
t_KeSatTbIY_Uls_u2p14[9]	6554
t_KeSatTbIY_Uls_u2p14[10]	1638
t_KeSatTbIY_Uls_u2p14[11]	8192
t_KeSatTbIY_Uls_u2p14[12]	9830
t_KeSatTbIY_Uls_u2p14[13]	11469
t_KeSatTbIY_Uls_u2p14[14]	13107
t_KeSatTbIY_Uls_u2p14[15]	14746
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	161.298004
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	-24.8840008
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32

Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	0	0	✓
MtrEstKe_VpRadpS_M_f32[0]	0.0320000015	0.0320000015	✓
MtrEstKe_VpRadpS_M_f32[1]	0.0309999995	0.0309999995	✓
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0320000015	0.0320000015	✓
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000230000005	0.000230000005 ± 0.0000000009	✓
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000260000001	0.000260000001 ± 0.0625	✓
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0260000005	0.0260000005	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

## Test Step 2.36 (Repeat Count = 1)

Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0560000017
EstRFF_Ohm_M_f32	0.0515234992
FastDataAccessBufIndex_Cnt_M_u16	0
MtrEstKe_VpRadpS_M_f32[0]	0.0410000011
MtrEstKe_VpRadpS_M_f32[1]	0.0450000018
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0700000003
k_MaxLdRngLmt_Henry_f32	0.000339999999
k_MaxLqRngLmt_Henry_f32	0.000319999992
k_MaxRRngLmt_Ohm_f32	0.0270000007
k_MinKeRngLmt_VpRadpS_f32	0.0329999998
k_MinLdRngLmt_Henry_f32	0.000239999994
k_MinLqRngLmt_Henry_f32	0.000269999999
k_MinRRngLmt_Ohm_f32	0.0419999994
k_NomLd_Henry_f32	0.000118889999
k_NomLq_Henry_f32	5.99999985e-005
t2_CurrParamLdSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[0][5]	9830

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Name	Input Value
t2_CurrParamLdSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746

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Name	Input Value		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938		
t_CurrParamCompDaxRef_Amp_u9p7[0]	24320		
t_CurrParamCompDaxRef_Amp_u9p7[1]	25600		
t_CurrParamCompDaxRef_Amp_u9p7[2]	26880		
t_CurrParamCompDaxRef_Amp_u9p7[3]	27008		
t_CurrParamCompDaxRef_Amp_u9p7[4]	27136		
t_CurrParamCompDaxRef_Amp_u9p7[5]	16000		
t_CurrParamCompQaxRef_Amp_u9p7[0]	1408		
t_CurrParamCompQaxRef_Amp_u9p7[1]	2816		
t_CurrParamCompQaxRef_Amp_u9p7[2]	4224		
t_CurrParamCompQaxRef_Amp_u9p7[3]	5632		
t_CurrParamCompQaxRef_Amp_u9p7[4]	7040		
t_CurrParamCompQaxRef_Amp_u9p7[5]	8448		
t_CurrParamCompQaxRef_Amp_u9p7[6]	9856		
t_KeSatTblX_Amp_u9p7[0]	640		
t_KeSatTblX_Amp_u9p7[1]	1920		
t_KeSatTblX_Amp_u9p7[2]	3200		
t_KeSatTblX_Amp_u9p7[3]	4480		
t_KeSatTblX_Amp_u9p7[4]	5760		
t_KeSatTblX_Amp_u9p7[5]	7040		
t_KeSatTblX_Amp_u9p7[6]	8320		
t_KeSatTblX_Amp_u9p7[7]	9600		
t_KeSatTblX_Amp_u9p7[8]	10880		
t_KeSatTblX_Amp_u9p7[9]	12160		
t_KeSatTblX_Amp_u9p7[10]	13440		
t_KeSatTblX_Amp_u9p7[11]	14720		
t_KeSatTblX_Amp_u9p7[12]	16000		
t_KeSatTblX_Amp_u9p7[13]	17280		
t_KeSatTblX_Amp_u9p7[14]	18560		
t_KeSatTblX_Amp_u9p7[15]	19840		
t_KeSatTblY_Uls_u2p14[0]	2130		
t_KeSatTblY_Uls_u2p14[1]	2294		
t_KeSatTblY_Uls_u2p14[2]	2458		
t_KeSatTblY_Uls_u2p14[3]	1966		
t_KeSatTblY_Uls_u2p14[4]	2785		
t_KeSatTblY_Uls_u2p14[5]	2949		
t_KeSatTblY_Uls_u2p14[6]	3113		
t_KeSatTblY_Uls_u2p14[7]	3277		
t_KeSatTblY_Uls_u2p14[8]	2621		
t_KeSatTblY_Uls_u2p14[9]	3441		
t_KeSatTblY_Uls_u2p14[10]	1802		
t_KeSatTblY_Uls_u2p14[11]	3604		
t_KeSatTblY_Uls_u2p14[12]	3768		
t_KeSatTblY_Uls_u2p14[13]	3932		
t_KeSatTblY_Uls_u2p14[14]	4096		
t_KeSatTblY_Uls_u2p14[15]	4260		
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	164.272003		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	-26.6739998		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3:	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3:	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	1	1	✔
MtrEstKe_VpRadpS_M_f32[0]	0.0410000011	0.0410000011	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0329999998	0.0329999998	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0329999998	0.0329999998	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000239999994	0.000239999994 ± 0.0000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000269999999	0.000269999999 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0270000007	0.0270000007	✔

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## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

## Test Step 2.37 (Repeat Count = 1)

Name	Input Value
EstKeFF_VpRadpS_M_f32	0.057
EstRFF_Ohm_M_f32	0.0557856001
FastDataAccessBufIndex_Cnt_M_u16	1
MtrEstKe_VpRadpS_M_f32[0]	0.0430000015
MtrEstKe_VpRadpS_M_f32[1]	0.0710000023
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0710000023
k_MaxLdRngLmt_Henry_f32	0.000349999988
k_MaxLqRngLmt_Henry_f32	0.00033000001
k_MaxRRngLmt_Ohm_f32	0.0280000009
k_MinKeRngLmt_VpRadpS_f32	0.0250000004
k_MinLdRngLmt_Henry_f32	0.000250000012
k_MinLqRngLmt_Henry_f32	0.000280000007
k_MinRRngLmt_Ohm_f32	0.0430000015
k_NomLd_Henry_f32	0.000220000002
k_NomLq_Henry_f32	7.00000019e-005
t2_CurrParamLdSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[0][2]	4915

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Name	Input Value
t2_CurrParamLqSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938
t_CurrParamCompDaxRef_Amp_u9p7[0]	8960
t_CurrParamCompDaxRef_Amp_u9p7[1]	10240
t_CurrParamCompDaxRef_Amp_u9p7[2]	11520
t_CurrParamCompDaxRef_Amp_u9p7[3]	12800
t_CurrParamCompDaxRef_Amp_u9p7[4]	14080
t_CurrParamCompDaxRef_Amp_u9p7[5]	15360
t_CurrParamCompQaxRef_Amp_u9p7[0]	16640
t_CurrParamCompQaxRef_Amp_u9p7[1]	17920
t_CurrParamCompQaxRef_Amp_u9p7[2]	19200
t_CurrParamCompQaxRef_Amp_u9p7[3]	20480
t_CurrParamCompQaxRef_Amp_u9p7[4]	21760
t_CurrParamCompQaxRef_Amp_u9p7[5]	23040
t_CurrParamCompQaxRef_Amp_u9p7[6]	25600
t_KeSatTblX_Amp_u9p7[0]	1280
t_KeSatTblX_Amp_u9p7[1]	2560
t_KeSatTblX_Amp_u9p7[2]	3840
t_KeSatTblX_Amp_u9p7[3]	5120
t_KeSatTblX_Amp_u9p7[4]	6400
t_KeSatTblX_Amp_u9p7[5]	7680
t_KeSatTblX_Amp_u9p7[6]	8960
t_KeSatTblX_Amp_u9p7[7]	10240
t_KeSatTblX_Amp_u9p7[8]	11520
t_KeSatTblX_Amp_u9p7[9]	12800
t_KeSatTblX_Amp_u9p7[10]	14080
t_KeSatTblX_Amp_u9p7[11]	15360
t_KeSatTblX_Amp_u9p7[12]	16640
t_KeSatTblX_Amp_u9p7[13]	17920
t_KeSatTblX_Amp_u9p7[14]	19200
t_KeSatTblX_Amp_u9p7[15]	20480
t_KeSatTblY_Uls_u2p14[0]	1802
t_KeSatTblY_Uls_u2p14[1]	1966
t_KeSatTblY_Uls_u2p14[2]	2130
t_KeSatTblY_Uls_u2p14[3]	2458
t_KeSatTblY_Uls_u2p14[4]	2458

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Name	Input Value		
t_KeSatTbIY_Uls_u2p14[5]	2621		
t_KeSatTbIY_Uls_u2p14[6]	4096		
t_KeSatTbIY_Uls_u2p14[7]	5734		
t_KeSatTbIY_Uls_u2p14[8]	6554		
t_KeSatTbIY_Uls_u2p14[9]	7373		
t_KeSatTbIY_Uls_u2p14[10]	8192		
t_KeSatTbIY_Uls_u2p14[11]	9011		
t_KeSatTbIY_Uls_u2p14[12]	10650		
t_KeSatTbIY_Uls_u2p14[13]	12288		
t_KeSatTbIY_Uls_u2p14[14]	13926		
t_KeSatTbIY_Uls_u2p14[15]	15565		
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	167.246002		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	-28.4640007		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	0	0	✔
MtrEstKe_VpRadpS_M_f32[0]	0.0250000004	0.0250000004	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0710000023	0.0710000023	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0250000004	0.0250000004	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000250000012	0.000250000012 ± 0.0000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000280000007	0.000280000007 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0280000009	0.0280000009	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

Test Step 2.38 (Repeat Count = 1)	
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0579999983
EstRFF_Ohm_M_f32	0.0595235005
FastDataAccessBufIndex_Cnt_M_u16	0
MtrEstKe_VpRadpS_M_f32[0]	0.0649999976
MtrEstKe_VpRadpS_M_f32[1]	0.0689999983
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0719999969
k_MaxLdRngLmt_Henry_f32	0.000360000005
k_MaxLqRngLmt_Henry_f32	0.000220000002
k_MaxRRngLmt_Ohm_f32	0.0289999992
k_MinKeRngLmt_VpRadpS_f32	0.075000003
k_MinLdRngLmt_Henry_f32	0.000260000001
k_MinLqRngLmt_Henry_f32	0.000289999996
k_MinRRngLmt_Ohm_f32	0.0439999998
k_NomLd_Henry_f32	0.000230000005
k_NomLq_Henry_f32	7.9999998e-005
t2_CurrParamLdSatScfFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatScfFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatScfFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatScfFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatScfFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatScfFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatScfFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatScfFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatScfFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatScfFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatScfFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatScfFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatScfFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatScfFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatScfFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatScfFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatScfFac_Uls_u2p14[2][2]	27853

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Name	Input Value
t2_CurrParamLdSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938
t_CurrParamCompDaxRef_Amp_u9p7[0]	1280
t_CurrParamCompDaxRef_Amp_u9p7[1]	2560
t_CurrParamCompDaxRef_Amp_u9p7[2]	3840
t_CurrParamCompDaxRef_Amp_u9p7[3]	5120
t_CurrParamCompDaxRef_Amp_u9p7[4]	6400
t_CurrParamCompDaxRef_Amp_u9p7[5]	7680



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Name	Input Value		
t_CurrParamCompQaxRef_Amp_u9p7[0]	24320		
t_CurrParamCompQaxRef_Amp_u9p7[1]	25600		
t_CurrParamCompQaxRef_Amp_u9p7[2]	26880		
t_CurrParamCompQaxRef_Amp_u9p7[3]	27008		
t_CurrParamCompQaxRef_Amp_u9p7[4]	27136		
t_CurrParamCompQaxRef_Amp_u9p7[5]	16000		
t_CurrParamCompQaxRef_Amp_u9p7[6]	17280		
t_KeSatTblX_Amp_u9p7[0]	1408		
t_KeSatTblX_Amp_u9p7[1]	2816		
t_KeSatTblX_Amp_u9p7[2]	4224		
t_KeSatTblX_Amp_u9p7[3]	5632		
t_KeSatTblX_Amp_u9p7[4]	7040		
t_KeSatTblX_Amp_u9p7[5]	8448		
t_KeSatTblX_Amp_u9p7[6]	9856		
t_KeSatTblX_Amp_u9p7[7]	11264		
t_KeSatTblX_Amp_u9p7[8]	12672		
t_KeSatTblX_Amp_u9p7[9]	14080		
t_KeSatTblX_Amp_u9p7[10]	15360		
t_KeSatTblX_Amp_u9p7[11]	16640		
t_KeSatTblX_Amp_u9p7[12]	17920		
t_KeSatTblX_Amp_u9p7[13]	19200		
t_KeSatTblX_Amp_u9p7[14]	20480		
t_KeSatTblX_Amp_u9p7[15]	21760		
t_KeSatTblY_Uls_u2p14[0]	1966		
t_KeSatTblY_Uls_u2p14[1]	2130		
t_KeSatTblY_Uls_u2p14[2]	2294		
t_KeSatTblY_Uls_u2p14[3]	1802		
t_KeSatTblY_Uls_u2p14[4]	2621		
t_KeSatTblY_Uls_u2p14[5]	2785		
t_KeSatTblY_Uls_u2p14[6]	3277		
t_KeSatTblY_Uls_u2p14[7]	4915		
t_KeSatTblY_Uls_u2p14[8]	2458		
t_KeSatTblY_Uls_u2p14[9]	6554		
t_KeSatTblY_Uls_u2p14[10]	1638		
t_KeSatTblY_Uls_u2p14[11]	8192		
t_KeSatTblY_Uls_u2p14[12]	9830		
t_KeSatTblY_Uls_u2p14[13]	11469		
t_KeSatTblY_Uls_u2p14[14]	13107		
t_KeSatTblY_Uls_u2p14[15]	14746		
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	170.220001		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	-30.2539997		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	1	1	✔
MtrEstKe_VpRadpS_M_f32[0]	0.0649999976	0.0649999976	✔
MtrEstKe_VpRadpS_M_f32[1]	0.075000003	0.075000003	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.075000003	0.075000003	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000260000001	0.000260000001 ± 0.0000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000289999996	0.000289999996 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0289999992	0.0289999992	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

Test Step 2.39 (Repeat Count = 1)	
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0590000004
EstRFF_Ohm_M_f32	0.063978903
FastDataAccessBufIndex_Cnt_M_u16	1
MtrEstKe_VpRadpS_M_f32[0]	0.0260000005
MtrEstKe_VpRadpS_M_f32[1]	0.0270000007



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Name	Input Value
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0729999989
k_MaxLdRngLmt_Henry_f32	0.000369999994
k_MaxLqRngLmt_Henry_f32	0.000230000005
k_MaxRRngLmt_Ohm_f32	0.0299999993
k_MinKeRngLmt_VpRadpS_f32	0.0260000005
k_MinLdRngLmt_Henry_f32	0.00026999999
k_MinLqRngLmt_Henry_f32	0.000300000014
k_MinRRngLmt_Ohm_f32	0.0450000018
k_NomLd_Henry_f32	0.000239999994
k_NomLq_Henry_f32	9.00000014e-005
t2_CurrParamLdSatScIFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatScIFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatScIFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatScIFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatScIFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatScIFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatScIFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatScIFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatScIFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatScIFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatScIFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatScIFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatScIFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatScIFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatScIFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatScIFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatScIFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatScIFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatScIFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatScIFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatScIFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatScIFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatScIFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatScIFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatScIFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatScIFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatScIFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatScIFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatScIFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatScIFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatScIFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatScIFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatScIFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatScIFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatScIFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatScIFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatScIFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatScIFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatScIFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatScIFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatScIFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatScIFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatScIFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatScIFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatScIFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatScIFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatScIFac_Uls_u2p14[2][5]	31949

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Name	Input Value
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938
t_CurrParamCompDaxRef_Amp_u9p7[0]	1408
t_CurrParamCompDaxRef_Amp_u9p7[1]	2816
t_CurrParamCompDaxRef_Amp_u9p7[2]	4224
t_CurrParamCompDaxRef_Amp_u9p7[3]	5632
t_CurrParamCompDaxRef_Amp_u9p7[4]	7040
t_CurrParamCompDaxRef_Amp_u9p7[5]	8448
t_CurrParamCompQaxRef_Amp_u9p7[0]	1280
t_CurrParamCompQaxRef_Amp_u9p7[1]	2560
t_CurrParamCompQaxRef_Amp_u9p7[2]	3840
t_CurrParamCompQaxRef_Amp_u9p7[3]	5120
t_CurrParamCompQaxRef_Amp_u9p7[4]	6400
t_CurrParamCompQaxRef_Amp_u9p7[5]	7680
t_CurrParamCompQaxRef_Amp_u9p7[6]	8960
t_KeSatTbIX_Amp_u9p7[0]	640
t_KeSatTbIX_Amp_u9p7[1]	1920
t_KeSatTbIX_Amp_u9p7[2]	3200
t_KeSatTbIX_Amp_u9p7[3]	4480
t_KeSatTbIX_Amp_u9p7[4]	5760
t_KeSatTbIX_Amp_u9p7[5]	7040
t_KeSatTbIX_Amp_u9p7[6]	8320
t_KeSatTbIX_Amp_u9p7[7]	9600
t_KeSatTbIX_Amp_u9p7[8]	10880
t_KeSatTbIX_Amp_u9p7[9]	12160
t_KeSatTbIX_Amp_u9p7[10]	13440
t_KeSatTbIX_Amp_u9p7[11]	14720
t_KeSatTbIX_Amp_u9p7[12]	16000
t_KeSatTbIX_Amp_u9p7[13]	17280
t_KeSatTbIX_Amp_u9p7[14]	18560
t_KeSatTbIX_Amp_u9p7[15]	19840
t_KeSatTbIY_Uls_u2p14[0]	2130
t_KeSatTbIY_Uls_u2p14[1]	2294
t_KeSatTbIY_Uls_u2p14[2]	2458
t_KeSatTbIY_Uls_u2p14[3]	1966
t_KeSatTbIY_Uls_u2p14[4]	2785
t_KeSatTbIY_Uls_u2p14[5]	2949
t_KeSatTbIY_Uls_u2p14[6]	3113
t_KeSatTbIY_Uls_u2p14[7]	3277
t_KeSatTbIY_Uls_u2p14[8]	2621
t_KeSatTbIY_Uls_u2p14[9]	3441
t_KeSatTbIY_Uls_u2p14[10]	1802
t_KeSatTbIY_Uls_u2p14[11]	3604
t_KeSatTbIY_Uls_u2p14[12]	3768
t_KeSatTbIY_Uls_u2p14[13]	3932
t_KeSatTbIY_Uls_u2p14[14]	4096
t_KeSatTbIY_Uls_u2p14[15]	4260
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	173.194
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	-32.0439987
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32

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Name	Input Value		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	0	0	✔
MtrEstKe_VpRadpS_M_f32[0]	0.0260000005	0.0260000005	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0270000007	0.0270000007	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0260000005	0.0260000005	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.00026999999	0.00026999999 ± 0.0000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000300000014	0.000300000014 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0299999993	0.0299999993	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

Test Step 2.40 (Repeat Count = 1)	
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.05999999987
EstRFF_Ohm_M_f32	0.0675230026
FastDataAccessBufIndex_Cnt_M_u16	0
MtrEstKe_VpRadpS_M_f32[0]	0.0280000009
MtrEstKe_VpRadpS_M_f32[1]	0.0289999992
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0250000004
k_MaxLdRngLmt_Henry_f32	0.000380000012
k_MaxLqRngLmt_Henry_f32	0.000239999994
k_MaxRRngLmt_Ohm_f32	0.0309999995
k_MinKeRngLmt_VpRadpS_f32	0.0260000005
k_MinLdRngLmt_Henry_f32	0.000280000007
k_MinLqRngLmt_Henry_f32	0.000310000003
k_MinRRngLmt_Ohm_f32	0.0460000001
k_NomLd_Henry_f32	0.000250000012
k_NomLq_Henry_f32	9.99999975e-005
t2_CurrParamLdSatScIFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatScIFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatScIFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatScIFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatScIFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatScIFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatScIFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatScIFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatScIFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatScIFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatScIFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatScIFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatScIFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatScIFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatScIFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatScIFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatScIFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatScIFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatScIFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatScIFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatScIFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[4][5]	9830

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Name	Input Value
t2_CurrParamLdSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938
t_CurrParamCompDaxRef_Amp_u9p7[0]	8960
t_CurrParamCompDaxRef_Amp_u9p7[1]	10240
t_CurrParamCompDaxRef_Amp_u9p7[2]	11520
t_CurrParamCompDaxRef_Amp_u9p7[3]	12800
t_CurrParamCompDaxRef_Amp_u9p7[4]	14080
t_CurrParamCompDaxRef_Amp_u9p7[5]	15360
t_CurrParamCompQaxRef_Amp_u9p7[0]	1408
t_CurrParamCompQaxRef_Amp_u9p7[1]	2816
t_CurrParamCompQaxRef_Amp_u9p7[2]	4224
t_CurrParamCompQaxRef_Amp_u9p7[3]	5632
t_CurrParamCompQaxRef_Amp_u9p7[4]	7040
t_CurrParamCompQaxRef_Amp_u9p7[5]	8448
t_CurrParamCompQaxRef_Amp_u9p7[6]	9856
t_KeSatTblX_Amp_u9p7[0]	1280
t_KeSatTblX_Amp_u9p7[1]	2560
t_KeSatTblX_Amp_u9p7[2]	3840
t_KeSatTblX_Amp_u9p7[3]	5120
t_KeSatTblX_Amp_u9p7[4]	6400
t_KeSatTblX_Amp_u9p7[5]	7680
t_KeSatTblX_Amp_u9p7[6]	8960
t_KeSatTblX_Amp_u9p7[7]	10240
t_KeSatTblX_Amp_u9p7[8]	11520
t_KeSatTblX_Amp_u9p7[9]	12800

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Name	Input Value
t_KeSatTbIX_Amp_u9p7[10]	14080
t_KeSatTbIX_Amp_u9p7[11]	15360
t_KeSatTbIX_Amp_u9p7[12]	16640
t_KeSatTbIX_Amp_u9p7[13]	17920
t_KeSatTbIX_Amp_u9p7[14]	19200
t_KeSatTbIX_Amp_u9p7[15]	20480
t_KeSatTbIY_Uls_u2p14[0]	1966
t_KeSatTbIY_Uls_u2p14[1]	2130
t_KeSatTbIY_Uls_u2p14[2]	6554
t_KeSatTbIY_Uls_u2p14[3]	1802
t_KeSatTbIY_Uls_u2p14[4]	2621
t_KeSatTbIY_Uls_u2p14[5]	2784
t_KeSatTbIY_Uls_u2p14[6]	4096
t_KeSatTbIY_Uls_u2p14[7]	5734
t_KeSatTbIY_Uls_u2p14[8]	2458
t_KeSatTbIY_Uls_u2p14[9]	7373
t_KeSatTbIY_Uls_u2p14[10]	8192
t_KeSatTbIY_Uls_u2p14[11]	9011
t_KeSatTbIY_Uls_u2p14[12]	10650
t_KeSatTbIY_Uls_u2p14[13]	12288
t_KeSatTbIY_Uls_u2p14[14]	13926
t_KeSatTbIY_Uls_u2p14[15]	15565
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	176.167999
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	-33.8339996
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32

Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	1	1	✓
MtrEstKe_VpRadpS_M_f32[0]	0.0280000009	0.0280000009	✓
MtrEstKe_VpRadpS_M_f32[1]	0.0260000005	0.0260000005	✓
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0260000005	0.0260000005	✓
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000280000007	0.000280000007 ± 0.0000000009	✓
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000310000003	0.000310000003 ± 0.0625	✓
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0309999995	0.0309999995	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

## Test Step 2.41 (Repeat Count = 1)

Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0610000007
EstRFF_Ohm_M_f32	0.0719780028
FastDataAccessBufIndex_Cnt_M_u16	1
MtrEstKe_VpRadpS_M_f32[0]	0.0299999993
MtrEstKe_VpRadpS_M_f32[1]	0.0309999995
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.075000003
k_MaxLdRngLmt_Henry_f32	0.000390000001
k_MaxLqRngLmt_Henry_f32	0.000250000012
k_MaxRRngLmt_Ohm_f32	0.0320000015
k_MinKeRngLmt_VpRadpS_f32	0.0270000007
k_MinLdRngLmt_Henry_f32	0.000289999996
k_MinLqRngLmt_Henry_f32	0.000319999992
k_MinRRngLmt_Ohm_f32	0.0469999984
k_NomLd_Henry_f32	0.000260000001
k_NomLq_Henry_f32	0.000110000001
t2_CurrParamLdSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[0][5]	9830

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Name	Input Value
t2_CurrParamLdSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746

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Name	Input Value		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938		
t_CurrParamCompDaxRef_Amp_u9p7[0]	16640		
t_CurrParamCompDaxRef_Amp_u9p7[1]	17920		
t_CurrParamCompDaxRef_Amp_u9p7[2]	19200		
t_CurrParamCompDaxRef_Amp_u9p7[3]	20480		
t_CurrParamCompDaxRef_Amp_u9p7[4]	21760		
t_CurrParamCompDaxRef_Amp_u9p7[5]	23040		
t_CurrParamCompQaxRef_Amp_u9p7[0]	16640		
t_CurrParamCompQaxRef_Amp_u9p7[1]	17920		
t_CurrParamCompQaxRef_Amp_u9p7[2]	19200		
t_CurrParamCompQaxRef_Amp_u9p7[3]	20480		
t_CurrParamCompQaxRef_Amp_u9p7[4]	21760		
t_CurrParamCompQaxRef_Amp_u9p7[5]	23040		
t_CurrParamCompQaxRef_Amp_u9p7[6]	25600		
t_KeSatTbIX_Amp_u9p7[0]	1408		
t_KeSatTbIX_Amp_u9p7[1]	2816		
t_KeSatTbIX_Amp_u9p7[2]	4224		
t_KeSatTbIX_Amp_u9p7[3]	5632		
t_KeSatTbIX_Amp_u9p7[4]	7040		
t_KeSatTbIX_Amp_u9p7[5]	8448		
t_KeSatTbIX_Amp_u9p7[6]	9856		
t_KeSatTbIX_Amp_u9p7[7]	11264		
t_KeSatTbIX_Amp_u9p7[8]	12672		
t_KeSatTbIX_Amp_u9p7[9]	14080		
t_KeSatTbIX_Amp_u9p7[10]	15360		
t_KeSatTbIX_Amp_u9p7[11]	16640		
t_KeSatTbIX_Amp_u9p7[12]	17920		
t_KeSatTbIX_Amp_u9p7[13]	19200		
t_KeSatTbIX_Amp_u9p7[14]	20480		
t_KeSatTbIX_Amp_u9p7[15]	21760		
t_KeSatTbIY_Uls_u2p14[0]	1966		
t_KeSatTbIY_Uls_u2p14[1]	2130		
t_KeSatTbIY_Uls_u2p14[2]	2294		
t_KeSatTbIY_Uls_u2p14[3]	1802		
t_KeSatTbIY_Uls_u2p14[4]	2621		
t_KeSatTbIY_Uls_u2p14[5]	2785		
t_KeSatTbIY_Uls_u2p14[6]	3277		
t_KeSatTbIY_Uls_u2p14[7]	4915		
t_KeSatTbIY_Uls_u2p14[8]	2458		
t_KeSatTbIY_Uls_u2p14[9]	6554		
t_KeSatTbIY_Uls_u2p14[10]	1638		
t_KeSatTbIY_Uls_u2p14[11]	8192		
t_KeSatTbIY_Uls_u2p14[12]	9830		
t_KeSatTbIY_Uls_u2p14[13]	11469		
t_KeSatTbIY_Uls_u2p14[14]	13107		
t_KeSatTbIY_Uls_u2p14[15]	14746		
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	179.141998		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	-35.6240005		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	0	0	✔
MtrEstKe_VpRadpS_M_f32[0]	0.0270000007	0.0270000007	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0309999995	0.0309999995	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0270000007	0.0270000007	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000289999996	0.000289999996 ± 0.0000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000319999992	0.000319999992 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0320000015	0.0320000015	✔



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## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

## Test Step 2.42 (Repeat Count = 1)

Name	Input Value
EstKeFF_VpRadpS_M_f32	0.061999999
EstRFF_Ohm_M_f32	0.075534001
FastDataAccessBufIndex_Cnt_M_u16	0
MtrEstKe_VpRadpS_M_f32[0]	0.0410000011
MtrEstKe_VpRadpS_M_f32[1]	0.0450000018
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0599999987
k_MaxLdRngLmt_Henry_f32	0.00039999999
k_MaxLqRngLmt_Henry_f32	0.000260000001
k_MaxRRngLmt_Ohm_f32	0.0329999998
k_MinKeRngLmt_VpRadpS_f32	0.0280000009
k_MinLdRngLmt_Henry_f32	0.000300000014
k_MinLqRngLmt_Henry_f32	0.00033000001
k_MinRRngLmt_Ohm_f32	0.0480000004
k_NomLd_Henry_f32	0.00026999999
k_NomLq_Henry_f32	0.000119999997
t2_CurrParamLdSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[0][2]	4915



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CurrParamComp\_Per1

Name	Input Value
t2_CurrParamLqSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938
t_CurrParamCompDaxRef_Amp_u9p7[0]	24320
t_CurrParamCompDaxRef_Amp_u9p7[1]	25600
t_CurrParamCompDaxRef_Amp_u9p7[2]	26880
t_CurrParamCompDaxRef_Amp_u9p7[3]	27008
t_CurrParamCompDaxRef_Amp_u9p7[4]	27136
t_CurrParamCompDaxRef_Amp_u9p7[5]	16000
t_CurrParamCompQaxRef_Amp_u9p7[0]	24320
t_CurrParamCompQaxRef_Amp_u9p7[1]	25600
t_CurrParamCompQaxRef_Amp_u9p7[2]	26880
t_CurrParamCompQaxRef_Amp_u9p7[3]	27008
t_CurrParamCompQaxRef_Amp_u9p7[4]	27136
t_CurrParamCompQaxRef_Amp_u9p7[5]	16000
t_CurrParamCompQaxRef_Amp_u9p7[6]	17280
t_KeSatTblX_Amp_u9p7[0]	640
t_KeSatTblX_Amp_u9p7[1]	1920
t_KeSatTblX_Amp_u9p7[2]	3200
t_KeSatTblX_Amp_u9p7[3]	4480
t_KeSatTblX_Amp_u9p7[4]	5760
t_KeSatTblX_Amp_u9p7[5]	7040
t_KeSatTblX_Amp_u9p7[6]	8320
t_KeSatTblX_Amp_u9p7[7]	9600
t_KeSatTblX_Amp_u9p7[8]	10880
t_KeSatTblX_Amp_u9p7[9]	12160
t_KeSatTblX_Amp_u9p7[10]	13440
t_KeSatTblX_Amp_u9p7[11]	14720
t_KeSatTblX_Amp_u9p7[12]	16000
t_KeSatTblX_Amp_u9p7[13]	17280
t_KeSatTblX_Amp_u9p7[14]	18560
t_KeSatTblX_Amp_u9p7[15]	19840
t_KeSatTblY_Uls_u2p14[0]	2130
t_KeSatTblY_Uls_u2p14[1]	2294
t_KeSatTblY_Uls_u2p14[2]	2458
t_KeSatTblY_Uls_u2p14[3]	1966
t_KeSatTblY_Uls_u2p14[4]	2785

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CurrParamComp\_Per1

Name	Input Value		
t_KeSatTbIY_Uls_u2p14[5]	2949		
t_KeSatTbIY_Uls_u2p14[6]	3113		
t_KeSatTbIY_Uls_u2p14[7]	3277		
t_KeSatTbIY_Uls_u2p14[8]	2621		
t_KeSatTbIY_Uls_u2p14[9]	3441		
t_KeSatTbIY_Uls_u2p14[10]	1802		
t_KeSatTbIY_Uls_u2p14[11]	3604		
t_KeSatTbIY_Uls_u2p14[12]	3768		
t_KeSatTbIY_Uls_u2p14[13]	3932		
t_KeSatTbIY_Uls_u2p14[14]	4096		
t_KeSatTbIY_Uls_u2p14[15]	4260		
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	182.115997		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	-37.4140015		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	1	1	✔
MtrEstKe_VpRadpS_M_f32[0]	0.0410000011	0.0410000011	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0280000009	0.0280000009	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0280000009	0.0280000009	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000300000014	0.000300000014 ± 0.0000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.00033000001	0.00033000001 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0329999998	0.0329999998	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

Test Step 2.43 (Repeat Count = 1)	
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.063000001
EstRFF_Ohm_M_f32	0.0798567981
FastDataAccessBufIndex_Cnt_M_u16	1
MtrEstKe_VpRadpS_M_f32[0]	0.0430000015
MtrEstKe_VpRadpS_M_f32[1]	0.0710000023
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0260000005
k_MaxLdRngLmt_Henry_f32	0.000150000007
k_MaxLqRngLmt_Henry_f32	0.000269999999
k_MaxRRngLmt_Ohm_f32	0.0340000018
k_MinKeRngLmt_VpRadpS_f32	0.0289999992
k_MinLdRngLmt_Henry_f32	0.000310000003
k_MinLqRngLmt_Henry_f32	0.000339999999
k_MinRRngLmt_Ohm_f32	0.004999999989
k_NomLd_Henry_f32	0.000280000007
k_NomLq_Henry_f32	0.00013
t2_CurrParamLdSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSciFac_Uls_u2p14[2][2]	27853

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CurrParamComp\_Per1

Name	Input Value
t2_CurrParamLdSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938
t_CurrParamCompDaxRef_Amp_u9p7[0]	1280
t_CurrParamCompDaxRef_Amp_u9p7[1]	2560
t_CurrParamCompDaxRef_Amp_u9p7[2]	3840
t_CurrParamCompDaxRef_Amp_u9p7[3]	5120
t_CurrParamCompDaxRef_Amp_u9p7[4]	6400
t_CurrParamCompDaxRef_Amp_u9p7[5]	7680

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CurrParamComp\_Per1

Name	Input Value		
t_CurrParamCompQaxRef_Amp_u9p7[0]	1280		
t_CurrParamCompQaxRef_Amp_u9p7[1]	2560		
t_CurrParamCompQaxRef_Amp_u9p7[2]	3840		
t_CurrParamCompQaxRef_Amp_u9p7[3]	5120		
t_CurrParamCompQaxRef_Amp_u9p7[4]	6400		
t_CurrParamCompQaxRef_Amp_u9p7[5]	7680		
t_CurrParamCompQaxRef_Amp_u9p7[6]	8960		
t_KeSatTblX_Amp_u9p7[0]	1280		
t_KeSatTblX_Amp_u9p7[1]	2560		
t_KeSatTblX_Amp_u9p7[2]	3840		
t_KeSatTblX_Amp_u9p7[3]	5120		
t_KeSatTblX_Amp_u9p7[4]	6400		
t_KeSatTblX_Amp_u9p7[5]	7680		
t_KeSatTblX_Amp_u9p7[6]	8960		
t_KeSatTblX_Amp_u9p7[7]	10240		
t_KeSatTblX_Amp_u9p7[8]	11520		
t_KeSatTblX_Amp_u9p7[9]	12800		
t_KeSatTblX_Amp_u9p7[10]	14080		
t_KeSatTblX_Amp_u9p7[11]	15360		
t_KeSatTblX_Amp_u9p7[12]	16640		
t_KeSatTblX_Amp_u9p7[13]	17920		
t_KeSatTblX_Amp_u9p7[14]	19200		
t_KeSatTblX_Amp_u9p7[15]	20480		
t_KeSatTblY_Uls_u2p14[0]	1966		
t_KeSatTblY_Uls_u2p14[1]	2130		
t_KeSatTblY_Uls_u2p14[2]	6554		
t_KeSatTblY_Uls_u2p14[3]	1802		
t_KeSatTblY_Uls_u2p14[4]	2621		
t_KeSatTblY_Uls_u2p14[5]	2785		
t_KeSatTblY_Uls_u2p14[6]	4096		
t_KeSatTblY_Uls_u2p14[7]	5734		
t_KeSatTblY_Uls_u2p14[8]	2458		
t_KeSatTblY_Uls_u2p14[9]	7373		
t_KeSatTblY_Uls_u2p14[10]	8192		
t_KeSatTblY_Uls_u2p14[11]	9011		
t_KeSatTblY_Uls_u2p14[12]	10650		
t_KeSatTblY_Uls_u2p14[13]	12288		
t_KeSatTblY_Uls_u2p14[14]	13926		
t_KeSatTblY_Uls_u2p14[15]	15565		
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	113.322998		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	-39.2039986		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	0	0	✔
MtrEstKe_VpRadpS_M_f32[0]	0.0289999992	0.0289999992	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0710000023	0.0710000023	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0289999992	0.0289999992	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000150000007	0.000150000007 ± 0.0000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000339999999	0.000339999999 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0340000018	0.0340000018	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

Test Step 2.44 (Repeat Count = 1)	
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.064000003
EstRFF_Ohm_M_f32	0.0835645571
FastDataAccessBufIndex_Cnt_M_u16	0
MtrEstKe_VpRadpS_M_f32[0]	0.0649999976
MtrEstKe_VpRadpS_M_f32[1]	0.0689999983

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CurrParamComp\_Per1

Name	Input Value
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0270000007
k_MaxLdRngLmt_Henry_f32	0.000159999996
k_MaxLqRngLmt_Henry_f32	0.000280000007
k_MaxRRngLmt_Ohm_f32	0.0350000001
k_MinKeRngLmt_VpRadpS_f32	0.0299999993
k_MinLdRngLmt_Henry_f32	0.000319999992
k_MinLqRngLmt_Henry_f32	0.000349999988
k_MinRRngLmt_Ohm_f32	0.125650004
k_NomLd_Henry_f32	0.000289999996
k_NomLq_Henry_f32	0.000140000004
t2_CurrParamLdSatScIFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatScIFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatScIFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatScIFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatScIFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatScIFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatScIFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatScIFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatScIFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatScIFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatScIFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatScIFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatScIFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatScIFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatScIFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatScIFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatScIFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatScIFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatScIFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatScIFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatScIFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatScIFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatScIFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatScIFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatScIFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatScIFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatScIFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatScIFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatScIFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatScIFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatScIFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatScIFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatScIFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatScIFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatScIFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatScIFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatScIFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatScIFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatScIFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatScIFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatScIFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatScIFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatScIFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatScIFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatScIFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatScIFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatScIFac_Uls_u2p14[2][5]	31949

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CurrParamComp\_Per1

Name	Input Value
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938
t_CurrParamCompDaxRef_Amp_u9p7[0]	1408
t_CurrParamCompDaxRef_Amp_u9p7[1]	2816
t_CurrParamCompDaxRef_Amp_u9p7[2]	4224
t_CurrParamCompDaxRef_Amp_u9p7[3]	5632
t_CurrParamCompDaxRef_Amp_u9p7[4]	7040
t_CurrParamCompDaxRef_Amp_u9p7[5]	8448
t_CurrParamCompQaxRef_Amp_u9p7[0]	1408
t_CurrParamCompQaxRef_Amp_u9p7[1]	2816
t_CurrParamCompQaxRef_Amp_u9p7[2]	4224
t_CurrParamCompQaxRef_Amp_u9p7[3]	5632
t_CurrParamCompQaxRef_Amp_u9p7[4]	7040
t_CurrParamCompQaxRef_Amp_u9p7[5]	8448
t_CurrParamCompQaxRef_Amp_u9p7[6]	9856
t_KeSatTbIX_Amp_u9p7[0]	1408
t_KeSatTbIX_Amp_u9p7[1]	2816
t_KeSatTbIX_Amp_u9p7[2]	4224
t_KeSatTbIX_Amp_u9p7[3]	5632
t_KeSatTbIX_Amp_u9p7[4]	7040
t_KeSatTbIX_Amp_u9p7[5]	8448
t_KeSatTbIX_Amp_u9p7[6]	9856
t_KeSatTbIX_Amp_u9p7[7]	11264
t_KeSatTbIX_Amp_u9p7[8]	12672
t_KeSatTbIX_Amp_u9p7[9]	14080
t_KeSatTbIX_Amp_u9p7[10]	15360
t_KeSatTbIX_Amp_u9p7[11]	16640
t_KeSatTbIX_Amp_u9p7[12]	17920
t_KeSatTbIX_Amp_u9p7[13]	19200
t_KeSatTbIX_Amp_u9p7[14]	20480
t_KeSatTbIX_Amp_u9p7[15]	21760
t_KeSatTbIY_Uls_u2p14[0]	1966
t_KeSatTbIY_Uls_u2p14[1]	2130
t_KeSatTbIY_Uls_u2p14[2]	2294
t_KeSatTbIY_Uls_u2p14[3]	1802
t_KeSatTbIY_Uls_u2p14[4]	2621
t_KeSatTbIY_Uls_u2p14[5]	2785
t_KeSatTbIY_Uls_u2p14[6]	3277
t_KeSatTbIY_Uls_u2p14[7]	4915
t_KeSatTbIY_Uls_u2p14[8]	2458
t_KeSatTbIY_Uls_u2p14[9]	6554
t_KeSatTbIY_Uls_u2p14[10]	1638
t_KeSatTbIY_Uls_u2p14[11]	8192
t_KeSatTbIY_Uls_u2p14[12]	9830
t_KeSatTbIY_Uls_u2p14[13]	11469
t_KeSatTbIY_Uls_u2p14[14]	13107
t_KeSatTbIY_Uls_u2p14[15]	14746
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	-42.7840004
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	-40.9939995
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32

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Name	Input Value		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	1	1	✔
MtrEstKe_VpRadpS_M_f32[0]	0.0649999976	0.0649999976	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0299999993	0.0299999993	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0299999993	0.0299999993	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000159999996	0.000159999996 ± 0.0000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000349999988	0.000349999988 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0350000001	0.0350000001	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

Test Step 2.45 (Repeat Count = 1)	
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0649999976
EstRFF_Ohm_M_f32	0.0877500027
FastDataAccessBufIndex_Cnt_M_u16	1
MtrEstKe_VpRadpS_M_f32[0]	0.0260000005
MtrEstKe_VpRadpS_M_f32[1]	0.0270000007
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0280000009
k_MaxLdRngLmt_Henry_f32	0.000169999999
k_MaxLqRngLmt_Henry_f32	0.000289999996
k_MaxRRngLmt_Ohm_f32	0.0359999985
k_MinKeRngLmt_VpRadpS_f32	0.0309999995
k_MinLdRngLmt_Henry_f32	0.000330000001
k_MinLqRngLmt_Henry_f32	0.000360000005
k_MinRRngLmt_Ohm_f32	0.00999999978
k_NomLd_Henry_f32	0.000300000014
k_NomLq_Henry_f32	0.000150000007
t2_CurrParamLdSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[4][5]	9830



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CurrParamComp\_Per1

Name	Input Value
t2_CurrParamLdSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938
t_CurrParamCompDaxRef_Amp_u9p7[0]	8960
t_CurrParamCompDaxRef_Amp_u9p7[1]	10240
t_CurrParamCompDaxRef_Amp_u9p7[2]	11520
t_CurrParamCompDaxRef_Amp_u9p7[3]	12800
t_CurrParamCompDaxRef_Amp_u9p7[4]	14080
t_CurrParamCompDaxRef_Amp_u9p7[5]	15360
t_CurrParamCompQaxRef_Amp_u9p7[0]	16640
t_CurrParamCompQaxRef_Amp_u9p7[1]	17920
t_CurrParamCompQaxRef_Amp_u9p7[2]	19200
t_CurrParamCompQaxRef_Amp_u9p7[3]	20480
t_CurrParamCompQaxRef_Amp_u9p7[4]	21760
t_CurrParamCompQaxRef_Amp_u9p7[5]	23040
t_CurrParamCompQaxRef_Amp_u9p7[6]	25600
t_KeSatTblX_Amp_u9p7[0]	640
t_KeSatTblX_Amp_u9p7[1]	1920
t_KeSatTblX_Amp_u9p7[2]	3200
t_KeSatTblX_Amp_u9p7[3]	4480
t_KeSatTblX_Amp_u9p7[4]	5760
t_KeSatTblX_Amp_u9p7[5]	7040
t_KeSatTblX_Amp_u9p7[6]	8320
t_KeSatTblX_Amp_u9p7[7]	9600
t_KeSatTblX_Amp_u9p7[8]	10880
t_KeSatTblX_Amp_u9p7[9]	12160



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CurrParamComp\_Per1

Name	Input Value
t_KeSatTbIX_Amp_u9p7[10]	13440
t_KeSatTbIX_Amp_u9p7[11]	14720
t_KeSatTbIX_Amp_u9p7[12]	16000
t_KeSatTbIX_Amp_u9p7[13]	17280
t_KeSatTbIX_Amp_u9p7[14]	18560
t_KeSatTbIX_Amp_u9p7[15]	19840
t_KeSatTbIY_Uls_u2p14[0]	4915
t_KeSatTbIY_Uls_u2p14[1]	6554
t_KeSatTbIY_Uls_u2p14[2]	8192
t_KeSatTbIY_Uls_u2p14[3]	3277
t_KeSatTbIY_Uls_u2p14[4]	11469
t_KeSatTbIY_Uls_u2p14[5]	13107
t_KeSatTbIY_Uls_u2p14[6]	13271
t_KeSatTbIY_Uls_u2p14[7]	13984
t_KeSatTbIY_Uls_u2p14[8]	9830
t_KeSatTbIY_Uls_u2p14[9]	14336
t_KeSatTbIY_Uls_u2p14[10]	1638
t_KeSatTbIY_Uls_u2p14[11]	14549
t_KeSatTbIY_Uls_u2p14[12]	14623
t_KeSatTbIY_Uls_u2p14[13]	14909
t_KeSatTbIY_Uls_u2p14[14]	14982
t_KeSatTbIY_Uls_u2p14[15]	16356
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	-44.5740013
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	-42.7840004
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32

Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	0	0	✓
MtrEstKe_VpRadpS_M_f32[0]	0.0280000009	0.0280000009	✓
MtrEstKe_VpRadpS_M_f32[1]	0.0270000007	0.0270000007	✓
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0280000009	0.0280000009	✓
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.00033000001	0.00033000001 ± 0.0000000009	✓
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000360000005	0.000360000005 ± 0.0625	✓
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0359999985	0.0359999985	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

## Test Step 2.46 (Repeat Count = 1)

Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0659999996
EstRFF_Ohm_M_f32	0.091745697
FastDataAccessBufIndex_Cnt_M_u16	0
MtrEstKe_VpRadpS_M_f32[0]	0.0280000009
MtrEstKe_VpRadpS_M_f32[1]	0.0289999992
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0289999992
k_MaxLdRngLmt_Henry_f32	0.000180000003
k_MaxLqRngLmt_Henry_f32	0.000300000014
k_MaxRRngLmt_Ohm_f32	0.00499999989
k_MinKeRngLmt_VpRadpS_f32	0.0320000015
k_MinLdRngLmt_Henry_f32	0.000339999999
k_MinLqRngLmt_Henry_f32	0.000369999994
k_MinRRngLmt_Ohm_f32	0.0309999995
k_NomLd_Henry_f32	0.000310000003
k_NomLq_Henry_f32	0.000159999996
t2_CurrParamLdSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[0][5]	9830

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Name	Input Value
t2_CurrParamLdSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746

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Name	Input Value		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938		
t_CurrParamCompDaxRef_Amp_u9p7[0]	16640		
t_CurrParamCompDaxRef_Amp_u9p7[1]	17920		
t_CurrParamCompDaxRef_Amp_u9p7[2]	19200		
t_CurrParamCompDaxRef_Amp_u9p7[3]	20480		
t_CurrParamCompDaxRef_Amp_u9p7[4]	21760		
t_CurrParamCompDaxRef_Amp_u9p7[5]	23040		
t_CurrParamCompQaxRef_Amp_u9p7[0]	24320		
t_CurrParamCompQaxRef_Amp_u9p7[1]	25600		
t_CurrParamCompQaxRef_Amp_u9p7[2]	26880		
t_CurrParamCompQaxRef_Amp_u9p7[3]	27008		
t_CurrParamCompQaxRef_Amp_u9p7[4]	27136		
t_CurrParamCompQaxRef_Amp_u9p7[5]	16000		
t_CurrParamCompQaxRef_Amp_u9p7[6]	17280		
t_KeSatTblX_Amp_u9p7[0]	1280		
t_KeSatTblX_Amp_u9p7[1]	2560		
t_KeSatTblX_Amp_u9p7[2]	3840		
t_KeSatTblX_Amp_u9p7[3]	5120		
t_KeSatTblX_Amp_u9p7[4]	6400		
t_KeSatTblX_Amp_u9p7[5]	7680		
t_KeSatTblX_Amp_u9p7[6]	8960		
t_KeSatTblX_Amp_u9p7[7]	10240		
t_KeSatTblX_Amp_u9p7[8]	11520		
t_KeSatTblX_Amp_u9p7[9]	12800		
t_KeSatTblX_Amp_u9p7[10]	14080		
t_KeSatTblX_Amp_u9p7[11]	15360		
t_KeSatTblX_Amp_u9p7[12]	16640		
t_KeSatTblX_Amp_u9p7[13]	17920		
t_KeSatTblX_Amp_u9p7[14]	19200		
t_KeSatTblX_Amp_u9p7[15]	20480		
t_KeSatTblY_Uls_u2p14[0]	2130		
t_KeSatTblY_Uls_u2p14[1]	2294		
t_KeSatTblY_Uls_u2p14[2]	2458		
t_KeSatTblY_Uls_u2p14[3]	1966		
t_KeSatTblY_Uls_u2p14[4]	2785		
t_KeSatTblY_Uls_u2p14[5]	2949		
t_KeSatTblY_Uls_u2p14[6]	3113		
t_KeSatTblY_Uls_u2p14[7]	3277		
t_KeSatTblY_Uls_u2p14[8]	2621		
t_KeSatTblY_Uls_u2p14[9]	3441		
t_KeSatTblY_Uls_u2p14[10]	1802		
t_KeSatTblY_Uls_u2p14[11]	3604		
t_KeSatTblY_Uls_u2p14[12]	3768		
t_KeSatTblY_Uls_u2p14[13]	3932		
t_KeSatTblY_Uls_u2p14[14]	4096		
t_KeSatTblY_Uls_u2p14[15]	4260		
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	16.368		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	-44.5740013		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3:	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3:	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	1	1	✔
MtrEstKe_VpRadpS_M_f32[0]	0.0280000009	0.0280000009	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0320000015	0.0320000015	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0320000015	0.0320000015	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000339999999	0.000339999999 ± 0.0000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000369999994	0.000369999994 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.00499999989	0.00499999989	✔

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CurrParamComp\_Per1

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

## Test Step 2.47 (Repeat Count = 1)

Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0670000017
EstRFF_Ohm_M_f32	0.0956560001
FastDataAccessBufIndex_Cnt_M_u16	1
MtrEstKe_VpRadpS_M_f32[0]	0.0299999993
MtrEstKe_VpRadpS_M_f32[1]	0.0309999995
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0299999993
k_MaxLdRngLmt_Henry_f32	0.000190000006
k_MaxLqRngLmt_Henry_f32	0.000310000003
k_MaxRRngLmt_Ohm_f32	0.125650004
k_MinKeRngLmt_VpRadpS_f32	0.0329999998
k_MinLdRngLmt_Henry_f32	0.000349999988
k_MinLqRngLmt_Henry_f32	0.000380000012
k_MinRRngLmt_Ohm_f32	0.0350000001
k_NomLd_Henry_f32	0.000319999992
k_NomLq_Henry_f32	0.000169999999
t2_CurrParamLdSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[0][2]	4915

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Name	Input Value
t2_CurrParamLqSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938
t_CurrParamCompDaxRef_Amp_u9p7[0]	24320
t_CurrParamCompDaxRef_Amp_u9p7[1]	25600
t_CurrParamCompDaxRef_Amp_u9p7[2]	26880
t_CurrParamCompDaxRef_Amp_u9p7[3]	27008
t_CurrParamCompDaxRef_Amp_u9p7[4]	27136
t_CurrParamCompDaxRef_Amp_u9p7[5]	16000
t_CurrParamCompQaxRef_Amp_u9p7[0]	1280
t_CurrParamCompQaxRef_Amp_u9p7[1]	2560
t_CurrParamCompQaxRef_Amp_u9p7[2]	3840
t_CurrParamCompQaxRef_Amp_u9p7[3]	5120
t_CurrParamCompQaxRef_Amp_u9p7[4]	6400
t_CurrParamCompQaxRef_Amp_u9p7[5]	7680
t_CurrParamCompQaxRef_Amp_u9p7[6]	8960
t_KeSatTblX_Amp_u9p7[0]	1408
t_KeSatTblX_Amp_u9p7[1]	2816
t_KeSatTblX_Amp_u9p7[2]	4224
t_KeSatTblX_Amp_u9p7[3]	5632
t_KeSatTblX_Amp_u9p7[4]	7040
t_KeSatTblX_Amp_u9p7[5]	8448
t_KeSatTblX_Amp_u9p7[6]	9856
t_KeSatTblX_Amp_u9p7[7]	11264
t_KeSatTblX_Amp_u9p7[8]	12672
t_KeSatTblX_Amp_u9p7[9]	14080
t_KeSatTblX_Amp_u9p7[10]	15360
t_KeSatTblX_Amp_u9p7[11]	16640
t_KeSatTblX_Amp_u9p7[12]	17920
t_KeSatTblX_Amp_u9p7[13]	19200
t_KeSatTblX_Amp_u9p7[14]	20480
t_KeSatTblX_Amp_u9p7[15]	21760
t_KeSatTblY_Uls_u2p14[0]	4096
t_KeSatTblY_Uls_u2p14[1]	5734
t_KeSatTblY_Uls_u2p14[2]	7373
t_KeSatTblY_Uls_u2p14[3]	2458
t_KeSatTblY_Uls_u2p14[4]	10650

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CurrParamComp\_Per1

Name	Input Value		
t_KeSatTbIY_Uls_u2p14[5]	12288		
t_KeSatTbIY_Uls_u2p14[6]	13926		
t_KeSatTbIY_Uls_u2p14[7]	14082		
t_KeSatTbIY_Uls_u2p14[8]	9011		
t_KeSatTbIY_Uls_u2p14[9]	14254		
t_KeSatTbIY_Uls_u2p14[10]	819		
t_KeSatTbIY_Uls_u2p14[11]	14285		
t_KeSatTbIY_Uls_u2p14[12]	14439		
t_KeSatTbIY_Uls_u2p14[13]	6554		
t_KeSatTbIY_Uls_u2p14[14]	14606		
t_KeSatTbIY_Uls_u2p14[15]	16244		
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	19.3547993		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	16.368		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	0	0	✔
MtrEstKe_VpRadpS_M_f32[0]	0.0329999998	0.0329999998	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0309999995	0.0309999995	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0329999998	0.0329999998	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000349999988	0.000349999988 ± 0.000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000380000012	0.000380000012 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0956560001	0.0956560001	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

Test Step 2.48 (Repeat Count = 1)	
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0680000037
EstRFF_Ohm_M_f32	0.0998677984
FastDataAccessBufIndex_Cnt_M_u16	0
MtrEstKe_VpRadpS_M_f32[0]	0.0410000011
MtrEstKe_VpRadpS_M_f32[1]	0.0450000018
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0309999995
k_MaxLdRngLmt_Henry_f32	0.00019999995
k_MaxLqRngLmt_Henry_f32	0.00031999992
k_MaxRRngLmt_Ohm_f32	0.00600000005
k_MinKeRngLmt_VpRadpS_f32	0.0340000018
k_MinLdRngLmt_Henry_f32	0.000360000005
k_MinLqRngLmt_Henry_f32	0.000390000001
k_MinRRngLmt_Ohm_f32	0.0390000008
k_NomLd_Henry_f32	0.00033000001
k_NomLq_Henry_f32	0.000180000003
t2_CurrParamLdSatScIFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatScIFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatScIFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatScIFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatScIFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatScIFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatScIFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatScIFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatScIFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatScIFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatScIFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatScIFac_Uls_u2p14[2][2]	27853

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CurrParamComp\_Per1

Name	Input Value
t2_CurrParamLdSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938
t_CurrParamCompDaxRef_Amp_u9p7[0]	1280
t_CurrParamCompDaxRef_Amp_u9p7[1]	2560
t_CurrParamCompDaxRef_Amp_u9p7[2]	3840
t_CurrParamCompDaxRef_Amp_u9p7[3]	5120
t_CurrParamCompDaxRef_Amp_u9p7[4]	6400
t_CurrParamCompDaxRef_Amp_u9p7[5]	7680



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CurrParamComp\_Per1

Name	Input Value		
t_CurrParamCompQaxRef_Amp_u9p7[0]	1408		
t_CurrParamCompQaxRef_Amp_u9p7[1]	2816		
t_CurrParamCompQaxRef_Amp_u9p7[2]	4224		
t_CurrParamCompQaxRef_Amp_u9p7[3]	5632		
t_CurrParamCompQaxRef_Amp_u9p7[4]	7040		
t_CurrParamCompQaxRef_Amp_u9p7[5]	8448		
t_CurrParamCompQaxRef_Amp_u9p7[6]	9856		
t_KeSatTblX_Amp_u9p7[0]	640		
t_KeSatTblX_Amp_u9p7[1]	1920		
t_KeSatTblX_Amp_u9p7[2]	3200		
t_KeSatTblX_Amp_u9p7[3]	4480		
t_KeSatTblX_Amp_u9p7[4]	5760		
t_KeSatTblX_Amp_u9p7[5]	7040		
t_KeSatTblX_Amp_u9p7[6]	8320		
t_KeSatTblX_Amp_u9p7[7]	9600		
t_KeSatTblX_Amp_u9p7[8]	10880		
t_KeSatTblX_Amp_u9p7[9]	12160		
t_KeSatTblX_Amp_u9p7[10]	13440		
t_KeSatTblX_Amp_u9p7[11]	14720		
t_KeSatTblX_Amp_u9p7[12]	16000		
t_KeSatTblX_Amp_u9p7[13]	17280		
t_KeSatTblX_Amp_u9p7[14]	18560		
t_KeSatTblX_Amp_u9p7[15]	19840		
t_KeSatTblY_Uls_u2p14[0]	1966		
t_KeSatTblY_Uls_u2p14[1]	2130		
t_KeSatTblY_Uls_u2p14[2]	2294		
t_KeSatTblY_Uls_u2p14[3]	1802		
t_KeSatTblY_Uls_u2p14[4]	2621		
t_KeSatTblY_Uls_u2p14[5]	2785		
t_KeSatTblY_Uls_u2p14[6]	3277		
t_KeSatTblY_Uls_u2p14[7]	4915		
t_KeSatTblY_Uls_u2p14[8]	2458		
t_KeSatTblY_Uls_u2p14[9]	6554		
t_KeSatTblY_Uls_u2p14[10]	1638		
t_KeSatTblY_Uls_u2p14[11]	8192		
t_KeSatTblY_Uls_u2p14[12]	9830		
t_KeSatTblY_Uls_u2p14[13]	11469		
t_KeSatTblY_Uls_u2p14[14]	13107		
t_KeSatTblY_Uls_u2p14[15]	14746		
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	22.3416004		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	19.3547993		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	1	1	✔
MtrEstKe_VpRadpS_M_f32[0]	0.0410000011	0.0410000011	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0340000018	0.0340000018	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0340000018	0.0340000018	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000199999995	0.000199999995 ± 0.0000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000390000001	0.000390000001 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.00600000005	0.00600000005	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

Test Step 2.49 (Repeat Count = 1)	
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0689999983
EstRFF_Ohm_M_f32	0.103634603
FastDataAccessBufIndex_Cnt_M_u16	0
MtrEstKe_VpRadpS_M_f32[0]	0.0430000015
MtrEstKe_VpRadpS_M_f32[1]	0.0710000023



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Name	Input Value
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0320000015
k_MaxLdRngLmt_Henry_f32	0.000209999998
k_MaxLqRngLmt_Henry_f32	0.000286077993
k_MaxRRngLmt_Ohm_f32	0.0309999995
k_MinKeRngLmt_VpRadpS_f32	0.0350000001
k_MinLdRngLmt_Henry_f32	0.000369999994
k_MinLqRngLmt_Henry_f32	2.99999992e-005
k_MinRRngLmt_Ohm_f32	0.0430000015
k_NomLd_Henry_f32	0.000220000002
k_NomLq_Henry_f32	0.000190000006
t2_CurrParamLdSatScIFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatScIFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatScIFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatScIFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatScIFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatScIFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatScIFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatScIFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatScIFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatScIFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatScIFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatScIFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatScIFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatScIFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatScIFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatScIFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatScIFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatScIFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatScIFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatScIFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatScIFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatScIFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatScIFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatScIFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatScIFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatScIFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatScIFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatScIFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatScIFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatScIFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatScIFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatScIFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatScIFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatScIFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatScIFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatScIFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatScIFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatScIFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatScIFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatScIFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatScIFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatScIFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatScIFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatScIFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatScIFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatScIFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatScIFac_Uls_u2p14[2][5]	31949

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Name	Input Value
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938
t_CurrParamCompDaxRef_Amp_u9p7[0]	1408
t_CurrParamCompDaxRef_Amp_u9p7[1]	2816
t_CurrParamCompDaxRef_Amp_u9p7[2]	4224
t_CurrParamCompDaxRef_Amp_u9p7[3]	5632
t_CurrParamCompDaxRef_Amp_u9p7[4]	7040
t_CurrParamCompDaxRef_Amp_u9p7[5]	8448
t_CurrParamCompQaxRef_Amp_u9p7[0]	16640
t_CurrParamCompQaxRef_Amp_u9p7[1]	17920
t_CurrParamCompQaxRef_Amp_u9p7[2]	19200
t_CurrParamCompQaxRef_Amp_u9p7[3]	20480
t_CurrParamCompQaxRef_Amp_u9p7[4]	21760
t_CurrParamCompQaxRef_Amp_u9p7[5]	23040
t_CurrParamCompQaxRef_Amp_u9p7[6]	25600
t_KeSatTbIX_Amp_u9p7[0]	1280
t_KeSatTbIX_Amp_u9p7[1]	2560
t_KeSatTbIX_Amp_u9p7[2]	3840
t_KeSatTbIX_Amp_u9p7[3]	5120
t_KeSatTbIX_Amp_u9p7[4]	6400
t_KeSatTbIX_Amp_u9p7[5]	7680
t_KeSatTbIX_Amp_u9p7[6]	8960
t_KeSatTbIX_Amp_u9p7[7]	10240
t_KeSatTbIX_Amp_u9p7[8]	11520
t_KeSatTbIX_Amp_u9p7[9]	12800
t_KeSatTbIX_Amp_u9p7[10]	14080
t_KeSatTbIX_Amp_u9p7[11]	15360
t_KeSatTbIX_Amp_u9p7[12]	16640
t_KeSatTbIX_Amp_u9p7[13]	17920
t_KeSatTbIX_Amp_u9p7[14]	19200
t_KeSatTbIX_Amp_u9p7[15]	20480
t_KeSatTbIY_Uls_u2p14[0]	2130
t_KeSatTbIY_Uls_u2p14[1]	2294
t_KeSatTbIY_Uls_u2p14[2]	2458
t_KeSatTbIY_Uls_u2p14[3]	1966
t_KeSatTbIY_Uls_u2p14[4]	2785
t_KeSatTbIY_Uls_u2p14[5]	2949
t_KeSatTbIY_Uls_u2p14[6]	3113
t_KeSatTbIY_Uls_u2p14[7]	3277
t_KeSatTbIY_Uls_u2p14[8]	2621
t_KeSatTbIY_Uls_u2p14[9]	3441
t_KeSatTbIY_Uls_u2p14[10]	1802
t_KeSatTbIY_Uls_u2p14[11]	3604
t_KeSatTbIY_Uls_u2p14[12]	3768
t_KeSatTbIY_Uls_u2p14[13]	3932
t_KeSatTbIY_Uls_u2p14[14]	4096
t_KeSatTbIY_Uls_u2p14[15]	4260
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	25.3283997
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	22.3416004
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32

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Name	Input Value		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	1	1	✔
MtrEstKe_VpRadpS_M_f32[0]	0.0430000015	0.0430000015	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0350000001	0.0350000001	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0350000001	0.0350000001	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000209999998	0.000209999998 ± 0.0000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000192238163	0.000192238003 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0309999995	0.0309999995	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

Test Step 2.50 (Repeat Count = 1)	
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0700000003
EstRFF_Ohm_M_f32	0.107666001
FastDataAccessBufIndex_Cnt_M_u16	0
MtrEstKe_VpRadpS_M_f32[0]	0.0649999976
MtrEstKe_VpRadpS_M_f32[1]	0.0689999983
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0329999998
k_MaxLdRngLmt_Henry_f32	0.000220000002
k_MaxLqRngLmt_Henry_f32	0.000286543014
k_MaxRRngLmt_Ohm_f32	0.0350000001
k_MinKeRngLmt_VpRadpS_f32	0.0359999985
k_MinLdRngLmt_Henry_f32	0.000380000012
k_MinLqRngLmt_Henry_f32	0.000410000008
k_MinRRngLmt_Ohm_f32	0.0469999984
k_NomLd_Henry_f32	0.000230000005
k_NomLq_Henry_f32	0.000199999995
t2_CurrParamLdSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[4][5]	9830

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Name	Input Value
t2_CurrParamLdSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938
t_CurrParamCompDaxRef_Amp_u9p7[0]	8960
t_CurrParamCompDaxRef_Amp_u9p7[1]	10240
t_CurrParamCompDaxRef_Amp_u9p7[2]	11520
t_CurrParamCompDaxRef_Amp_u9p7[3]	12800
t_CurrParamCompDaxRef_Amp_u9p7[4]	14080
t_CurrParamCompDaxRef_Amp_u9p7[5]	15360
t_CurrParamCompQaxRef_Amp_u9p7[0]	24320
t_CurrParamCompQaxRef_Amp_u9p7[1]	25600
t_CurrParamCompQaxRef_Amp_u9p7[2]	26880
t_CurrParamCompQaxRef_Amp_u9p7[3]	27008
t_CurrParamCompQaxRef_Amp_u9p7[4]	27136
t_CurrParamCompQaxRef_Amp_u9p7[5]	16000
t_CurrParamCompQaxRef_Amp_u9p7[6]	17280
t_KeSatTbIX_Amp_u9p7[0]	1408
t_KeSatTbIX_Amp_u9p7[1]	2816
t_KeSatTbIX_Amp_u9p7[2]	4224
t_KeSatTbIX_Amp_u9p7[3]	5632
t_KeSatTbIX_Amp_u9p7[4]	7040
t_KeSatTbIX_Amp_u9p7[5]	8448
t_KeSatTbIX_Amp_u9p7[6]	9856
t_KeSatTbIX_Amp_u9p7[7]	11264
t_KeSatTbIX_Amp_u9p7[8]	12672
t_KeSatTbIX_Amp_u9p7[9]	14080

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Name	Input Value		
t_KeSatTbIX_Amp_u9p7[10]	15360		
t_KeSatTbIX_Amp_u9p7[11]	16640		
t_KeSatTbIX_Amp_u9p7[12]	17920		
t_KeSatTbIX_Amp_u9p7[13]	19200		
t_KeSatTbIX_Amp_u9p7[14]	20480		
t_KeSatTbIX_Amp_u9p7[15]	21760		
t_KeSatTbIY_Uls_u2p14[0]	1802		
t_KeSatTbIY_Uls_u2p14[1]	1966		
t_KeSatTbIY_Uls_u2p14[2]	2130		
t_KeSatTbIY_Uls_u2p14[3]	2458		
t_KeSatTbIY_Uls_u2p14[4]	2458		
t_KeSatTbIY_Uls_u2p14[5]	2621		
t_KeSatTbIY_Uls_u2p14[6]	4096		
t_KeSatTbIY_Uls_u2p14[7]	5734		
t_KeSatTbIY_Uls_u2p14[8]	6554		
t_KeSatTbIY_Uls_u2p14[9]	7373		
t_KeSatTbIY_Uls_u2p14[10]	8192		
t_KeSatTbIY_Uls_u2p14[11]	9011		
t_KeSatTbIY_Uls_u2p14[12]	10650		
t_KeSatTbIY_Uls_u2p14[13]	12288		
t_KeSatTbIY_Uls_u2p14[14]	13926		
t_KeSatTbIY_Uls_u2p14[15]	15565		
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	28.3152008		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	25.3283997		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	1	1	✔
MtrEstKe_VpRadpS_M_f32[0]	0.0649999976	0.0649999976	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0359999985	0.0359999985	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0359999985	0.0359999985	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000380000012	0.000380000012 ± 0.0000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000410000008	0.000410000008 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0350000001	0.0350000001	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

Test Step 2.51 (Repeat Count = 1)	
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0710000023
EstRFF_Ohm_M_f32	0.111568563
FastDataAccessBufIndex_Cnt_M_u16	0
MtrEstKe_VpRadpS_M_f32[0]	0.0430000015
MtrEstKe_VpRadpS_M_f32[1]	0.0710000023
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0340000018
k_MaxLdRngLmt_Henry_f32	0.000230000005
k_MaxLqRngLmt_Henry_f32	0.000287006987
k_MaxRRngLmt_Ohm_f32	0.0390000008
k_MinKeRngLmt_VpRadpS_f32	0.0370000005
k_MinLdRngLmt_Henry_f32	0.000390000001
k_MinLqRngLmt_Henry_f32	9.99999975e-005
k_MinRRngLmt_Ohm_f32	0.0509999999
k_NomLd_Henry_f32	0.000239999994
k_NomLq_Henry_f32	0.000209999998
t2_CurrParamLdSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[0][5]	9830

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Name	Input Value
t2_CurrParamLdSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746

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Name	Input Value		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938		
t_CurrParamCompDaxRef_Amp_u9p7[0]	16640		
t_CurrParamCompDaxRef_Amp_u9p7[1]	17920		
t_CurrParamCompDaxRef_Amp_u9p7[2]	19200		
t_CurrParamCompDaxRef_Amp_u9p7[3]	20480		
t_CurrParamCompDaxRef_Amp_u9p7[4]	21760		
t_CurrParamCompDaxRef_Amp_u9p7[5]	23040		
t_CurrParamCompQaxRef_Amp_u9p7[0]	1280		
t_CurrParamCompQaxRef_Amp_u9p7[1]	2560		
t_CurrParamCompQaxRef_Amp_u9p7[2]	3840		
t_CurrParamCompQaxRef_Amp_u9p7[3]	5120		
t_CurrParamCompQaxRef_Amp_u9p7[4]	6400		
t_CurrParamCompQaxRef_Amp_u9p7[5]	7680		
t_CurrParamCompQaxRef_Amp_u9p7[6]	8960		
t_KeSatTblX_Amp_u9p7[0]	640		
t_KeSatTblX_Amp_u9p7[1]	1920		
t_KeSatTblX_Amp_u9p7[2]	3200		
t_KeSatTblX_Amp_u9p7[3]	4480		
t_KeSatTblX_Amp_u9p7[4]	5760		
t_KeSatTblX_Amp_u9p7[5]	7040		
t_KeSatTblX_Amp_u9p7[6]	8320		
t_KeSatTblX_Amp_u9p7[7]	9600		
t_KeSatTblX_Amp_u9p7[8]	10880		
t_KeSatTblX_Amp_u9p7[9]	12160		
t_KeSatTblX_Amp_u9p7[10]	13440		
t_KeSatTblX_Amp_u9p7[11]	14720		
t_KeSatTblX_Amp_u9p7[12]	16000		
t_KeSatTblX_Amp_u9p7[13]	17280		
t_KeSatTblX_Amp_u9p7[14]	18560		
t_KeSatTblX_Amp_u9p7[15]	19840		
t_KeSatTblY_Uls_u2p14[0]	1966		
t_KeSatTblY_Uls_u2p14[1]	2130		
t_KeSatTblY_Uls_u2p14[2]	2294		
t_KeSatTblY_Uls_u2p14[3]	1802		
t_KeSatTblY_Uls_u2p14[4]	2621		
t_KeSatTblY_Uls_u2p14[5]	2785		
t_KeSatTblY_Uls_u2p14[6]	3277		
t_KeSatTblY_Uls_u2p14[7]	4915		
t_KeSatTblY_Uls_u2p14[8]	2458		
t_KeSatTblY_Uls_u2p14[9]	6554		
t_KeSatTblY_Uls_u2p14[10]	1638		
t_KeSatTblY_Uls_u2p14[11]	8192		
t_KeSatTblY_Uls_u2p14[12]	9830		
t_KeSatTblY_Uls_u2p14[13]	11469		
t_KeSatTblY_Uls_u2p14[14]	13107		
t_KeSatTblY_Uls_u2p14[15]	14746		
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	31.302		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	28.3152008		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3:	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3:	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	1	1	✓
MtrEstKe_VpRadpS_M_f32[0]	0.0430000015	0.0430000015	✓
MtrEstKe_VpRadpS_M_f32[1]	0.0370000005	0.0370000005	✓
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0370000005	0.0370000005	✓
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000390000001	0.000390000001 ± 0.000000009	✓
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	9.99999975e-005	5.94999983e-005 ± 0.0625	✓
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0390000008	0.0390000008	✓



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Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

Test Step 2.52 (Repeat Count = 1)	
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0719999969
EstRFF_Ohm_M_f32	0.115523502
FastDataAccessBufIndex_Cnt_M_u16	0
MtrEstKe_VpRadpS_M_f32[0]	0.0649999976
MtrEstKe_VpRadpS_M_f32[1]	0.0689999983
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0350000001
k_MaxLdRngLmt_Henry_f32	0.000239999994
k_MaxLqRngLmt_Henry_f32	2.99999992e-005
k_MaxRRngLmt_Ohm_f32	0.0430000015
k_MinKeRngLmt_VpRadpS_f32	0.0379999988
k_MinLdRngLmt_Henry_f32	0.000260000001
k_MinLqRngLmt_Henry_f32	0.000230000005
k_MinRRngLmt_Ohm_f32	0.0549999997
k_NomLd_Henry_f32	0.000250000012
k_NomLq_Henry_f32	0.000220000002
t2_CurrParamLdSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[0][2]	4915



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Name	Input Value
t2_CurrParamLqSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938
t_CurrParamCompDaxRef_Amp_u9p7[0]	24320
t_CurrParamCompDaxRef_Amp_u9p7[1]	25600
t_CurrParamCompDaxRef_Amp_u9p7[2]	26880
t_CurrParamCompDaxRef_Amp_u9p7[3]	27008
t_CurrParamCompDaxRef_Amp_u9p7[4]	27136
t_CurrParamCompDaxRef_Amp_u9p7[5]	16000
t_CurrParamCompQaxRef_Amp_u9p7[0]	1408
t_CurrParamCompQaxRef_Amp_u9p7[1]	2816
t_CurrParamCompQaxRef_Amp_u9p7[2]	4224
t_CurrParamCompQaxRef_Amp_u9p7[3]	5632
t_CurrParamCompQaxRef_Amp_u9p7[4]	7040
t_CurrParamCompQaxRef_Amp_u9p7[5]	8448
t_CurrParamCompQaxRef_Amp_u9p7[6]	9856
t_KeSatTblX_Amp_u9p7[0]	1280
t_KeSatTblX_Amp_u9p7[1]	2560
t_KeSatTblX_Amp_u9p7[2]	3840
t_KeSatTblX_Amp_u9p7[3]	5120
t_KeSatTblX_Amp_u9p7[4]	6400
t_KeSatTblX_Amp_u9p7[5]	7680
t_KeSatTblX_Amp_u9p7[6]	8960
t_KeSatTblX_Amp_u9p7[7]	10240
t_KeSatTblX_Amp_u9p7[8]	11520
t_KeSatTblX_Amp_u9p7[9]	12800
t_KeSatTblX_Amp_u9p7[10]	14080
t_KeSatTblX_Amp_u9p7[11]	15360
t_KeSatTblX_Amp_u9p7[12]	16640
t_KeSatTblX_Amp_u9p7[13]	17920
t_KeSatTblX_Amp_u9p7[14]	19200
t_KeSatTblX_Amp_u9p7[15]	20480
t_KeSatTblY_Uls_u2p14[0]	2130
t_KeSatTblY_Uls_u2p14[1]	2294
t_KeSatTblY_Uls_u2p14[2]	2458
t_KeSatTblY_Uls_u2p14[3]	1966
t_KeSatTblY_Uls_u2p14[4]	2785

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CurrParamComp\_Per1

Name	Input Value		
t_KeSatTbIY_Uls_u2p14[5]	2949		
t_KeSatTbIY_Uls_u2p14[6]	3113		
t_KeSatTbIY_Uls_u2p14[7]	3277		
t_KeSatTbIY_Uls_u2p14[8]	2621		
t_KeSatTbIY_Uls_u2p14[9]	3441		
t_KeSatTbIY_Uls_u2p14[10]	1802		
t_KeSatTbIY_Uls_u2p14[11]	3604		
t_KeSatTbIY_Uls_u2p14[12]	3768		
t_KeSatTbIY_Uls_u2p14[13]	3932		
t_KeSatTbIY_Uls_u2p14[14]	4096		
t_KeSatTbIY_Uls_u2p14[15]	4260		
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	34.2887993		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	31.302		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	1	1	✔
MtrEstKe_VpRadpS_M_f32[0]	0.0649999976	0.0649999976	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0379999988	0.0379999988	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0379999988	0.0379999988	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000260000001	0.000260000001 ± 0.0000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	2.99999992e-005	2.99999992e-005 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0430000015	0.0430000015	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntpIVarXY_u16_u16Xu16Y_Cnt	1	IntpIVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

Test Step 2.53 (Repeat Count = 1)	
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0729999989
EstRFF_Ohm_M_f32	0.119785666
FastDataAccessBufIndex_Cnt_M_u16	0
MtrEstKe_VpRadpS_M_f32[0]	0.0260000005
MtrEstKe_VpRadpS_M_f32[1]	0.0270000007
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0359999985
k_MaxLdRngLmt_Henry_f32	0.000250000012
k_MaxLqRngLmt_Henry_f32	0.000410000008
k_MaxRRngLmt_Ohm_f32	0.0469999984
k_MinKeRngLmt_VpRadpS_f32	0.0390000008
k_MinLdRngLmt_Henry_f32	0.00026999999
k_MinLqRngLmt_Henry_f32	0.000239999994
k_MinRRngLmt_Ohm_f32	0.0590000004
k_NomLd_Henry_f32	0.000260000001
k_NomLq_Henry_f32	0.000230000005
t2_CurrParamLdSatScIFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatScIFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatScIFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatScIFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatScIFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatScIFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatScIFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatScIFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatScIFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatScIFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatScIFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatScIFac_Uls_u2p14[2][2]	27853

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Name	Input Value
t2_CurrParamLdSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938
t_CurrParamCompDaxRef_Amp_u9p7[0]	8960
t_CurrParamCompDaxRef_Amp_u9p7[1]	10240
t_CurrParamCompDaxRef_Amp_u9p7[2]	11520
t_CurrParamCompDaxRef_Amp_u9p7[3]	12800
t_CurrParamCompDaxRef_Amp_u9p7[4]	14080
t_CurrParamCompDaxRef_Amp_u9p7[5]	15360

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CurrParamComp\_Per1

Name	Input Value		
t_CurrParamCompQaxRef_Amp_u9p7[0]	16640		
t_CurrParamCompQaxRef_Amp_u9p7[1]	17920		
t_CurrParamCompQaxRef_Amp_u9p7[2]	19200		
t_CurrParamCompQaxRef_Amp_u9p7[3]	20480		
t_CurrParamCompQaxRef_Amp_u9p7[4]	21760		
t_CurrParamCompQaxRef_Amp_u9p7[5]	23040		
t_CurrParamCompQaxRef_Amp_u9p7[6]	25600		
t_KeSatTblX_Amp_u9p7[0]	1408		
t_KeSatTblX_Amp_u9p7[1]	2816		
t_KeSatTblX_Amp_u9p7[2]	4224		
t_KeSatTblX_Amp_u9p7[3]	5632		
t_KeSatTblX_Amp_u9p7[4]	7040		
t_KeSatTblX_Amp_u9p7[5]	8448		
t_KeSatTblX_Amp_u9p7[6]	9856		
t_KeSatTblX_Amp_u9p7[7]	11264		
t_KeSatTblX_Amp_u9p7[8]	12672		
t_KeSatTblX_Amp_u9p7[9]	14080		
t_KeSatTblX_Amp_u9p7[10]	15360		
t_KeSatTblX_Amp_u9p7[11]	16640		
t_KeSatTblX_Amp_u9p7[12]	17920		
t_KeSatTblX_Amp_u9p7[13]	19200		
t_KeSatTblX_Amp_u9p7[14]	20480		
t_KeSatTblX_Amp_u9p7[15]	21760		
t_KeSatTblY_Uls_u2p14[0]	1966		
t_KeSatTblY_Uls_u2p14[1]	2130		
t_KeSatTblY_Uls_u2p14[2]	6554		
t_KeSatTblY_Uls_u2p14[3]	1802		
t_KeSatTblY_Uls_u2p14[4]	2621		
t_KeSatTblY_Uls_u2p14[5]	2784		
t_KeSatTblY_Uls_u2p14[6]	4096		
t_KeSatTblY_Uls_u2p14[7]	5734		
t_KeSatTblY_Uls_u2p14[8]	2458		
t_KeSatTblY_Uls_u2p14[9]	7373		
t_KeSatTblY_Uls_u2p14[10]	8192		
t_KeSatTblY_Uls_u2p14[11]	9011		
t_KeSatTblY_Uls_u2p14[12]	10650		
t_KeSatTblY_Uls_u2p14[13]	12288		
t_KeSatTblY_Uls_u2p14[14]	13926		
t_KeSatTblY_Uls_u2p14[15]	15565		
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	37.2756004		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	34.2887993		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3:	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3:	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	1	1	✔
MtrEstKe_VpRadpS_M_f32[0]	0.0260000005	0.0260000005	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0390000008	0.0390000008	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0390000008	0.0390000008	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.00026999999	0.00026999999 ± 0.0000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000239999994	0.000239999994 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0469999984	0.0469999984	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

Test Step 2.54 (Repeat Count = 1)	
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.074000001
EstRFF_Ohm_M_f32	0.0113120005
FastDataAccessBufIndex_Cnt_M_u16	0
MtrEstKe_VpRadpS_M_f32[0]	0.0280000009
MtrEstKe_VpRadpS_M_f32[1]	0.0289999992

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Name	Input Value
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0370000005
k_MaxLdRngLmt_Henry_f32	0.000199999995
k_MaxLqRngLmt_Henry_f32	3.9999999e-005
k_MaxRRngLmt_Ohm_f32	0.050999999
k_MinKeRngLmt_VpRadpS_f32	0.0399999991
k_MinLdRngLmt_Henry_f32	0.000280000007
k_MinLqRngLmt_Henry_f32	0.000250000012
k_MinRRngLmt_Ohm_f32	0.063000001
k_NomLd_Henry_f32	0.00026999999
k_NomLq_Henry_f32	0.000239999994
t2_CurrParamLdSatScIFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatScIFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatScIFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatScIFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatScIFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatScIFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatScIFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatScIFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatScIFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatScIFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatScIFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatScIFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatScIFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatScIFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatScIFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatScIFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatScIFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatScIFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatScIFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatScIFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatScIFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatScIFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatScIFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatScIFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatScIFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatScIFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatScIFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatScIFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatScIFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatScIFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatScIFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatScIFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatScIFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatScIFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatScIFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatScIFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatScIFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatScIFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatScIFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatScIFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatScIFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatScIFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatScIFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatScIFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatScIFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatScIFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatScIFac_Uls_u2p14[2][5]	31949

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Name	Input Value
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938
t_CurrParamCompDaxRef_Amp_u9p7[0]	1280
t_CurrParamCompDaxRef_Amp_u9p7[1]	2560
t_CurrParamCompDaxRef_Amp_u9p7[2]	3840
t_CurrParamCompDaxRef_Amp_u9p7[3]	5120
t_CurrParamCompDaxRef_Amp_u9p7[4]	6400
t_CurrParamCompDaxRef_Amp_u9p7[5]	7680
t_CurrParamCompQaxRef_Amp_u9p7[0]	24320
t_CurrParamCompQaxRef_Amp_u9p7[1]	25600
t_CurrParamCompQaxRef_Amp_u9p7[2]	26880
t_CurrParamCompQaxRef_Amp_u9p7[3]	27008
t_CurrParamCompQaxRef_Amp_u9p7[4]	27136
t_CurrParamCompQaxRef_Amp_u9p7[5]	16000
t_CurrParamCompQaxRef_Amp_u9p7[6]	17280
t_KeSatTbIX_Amp_u9p7[0]	640
t_KeSatTbIX_Amp_u9p7[1]	1920
t_KeSatTbIX_Amp_u9p7[2]	3200
t_KeSatTbIX_Amp_u9p7[3]	4480
t_KeSatTbIX_Amp_u9p7[4]	5760
t_KeSatTbIX_Amp_u9p7[5]	7040
t_KeSatTbIX_Amp_u9p7[6]	8320
t_KeSatTbIX_Amp_u9p7[7]	9600
t_KeSatTbIX_Amp_u9p7[8]	10880
t_KeSatTbIX_Amp_u9p7[9]	12160
t_KeSatTbIX_Amp_u9p7[10]	13440
t_KeSatTbIX_Amp_u9p7[11]	14720
t_KeSatTbIX_Amp_u9p7[12]	16000
t_KeSatTbIX_Amp_u9p7[13]	17280
t_KeSatTbIX_Amp_u9p7[14]	18560
t_KeSatTbIX_Amp_u9p7[15]	19840
t_KeSatTbIY_Uls_u2p14[0]	1966
t_KeSatTbIY_Uls_u2p14[1]	2130
t_KeSatTbIY_Uls_u2p14[2]	2294
t_KeSatTbIY_Uls_u2p14[3]	1802
t_KeSatTbIY_Uls_u2p14[4]	2621
t_KeSatTbIY_Uls_u2p14[5]	2785
t_KeSatTbIY_Uls_u2p14[6]	3277
t_KeSatTbIY_Uls_u2p14[7]	4915
t_KeSatTbIY_Uls_u2p14[8]	2458
t_KeSatTbIY_Uls_u2p14[9]	6554
t_KeSatTbIY_Uls_u2p14[10]	1638
t_KeSatTbIY_Uls_u2p14[11]	8192
t_KeSatTbIY_Uls_u2p14[12]	9830
t_KeSatTbIY_Uls_u2p14[13]	11469
t_KeSatTbIY_Uls_u2p14[14]	13107
t_KeSatTbIY_Uls_u2p14[15]	14746
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	40.2624016
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	37.2756004
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32

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Name	Input Value		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	1	1	✔
MtrEstKe_VpRadpS_M_f32[0]	0.0280000009	0.0280000009	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0399999991	0.0399999991	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0399999991	0.0399999991	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000280000007	0.000280000007 ± 0.0000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	3.9999999e-005	3.9999999e-005 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.063000001	0.063000001	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

Test Step 2.55 (Repeat Count = 1)	
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0540000014
EstRFF_Ohm_M_f32	0.0125634
FastDataAccessBufIndex_Cnt_M_u16	0
MtrEstKe_VpRadpS_M_f32[0]	0.0299999993
MtrEstKe_VpRadpS_M_f32[1]	0.0309999995
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0379999988
k_MaxLdRngLmt_Henry_f32	0.00026999999
k_MaxLqRngLmt_Henry_f32	0.000190000006
k_MaxRRngLmt_Ohm_f32	0.0549999997
k_MinKeRngLmt_VpRadpS_f32	0.0410000011
k_MinLdRngLmt_Henry_f32	2.99999992e-005
k_MinLqRngLmt_Henry_f32	0.000260000001
k_MinRRngLmt_Ohm_f32	0.0670000017
k_NomLd_Henry_f32	0.000280000007
k_NomLq_Henry_f32	0.000250000012
t2_CurrParamLdSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[4][5]	9830



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Name	Input Value
t2_CurrParamLdSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938
t_CurrParamCompDaxRef_Amp_u9p7[0]	1408
t_CurrParamCompDaxRef_Amp_u9p7[1]	2816
t_CurrParamCompDaxRef_Amp_u9p7[2]	4224
t_CurrParamCompDaxRef_Amp_u9p7[3]	5632
t_CurrParamCompDaxRef_Amp_u9p7[4]	7040
t_CurrParamCompDaxRef_Amp_u9p7[5]	8448
t_CurrParamCompQaxRef_Amp_u9p7[0]	1280
t_CurrParamCompQaxRef_Amp_u9p7[1]	2560
t_CurrParamCompQaxRef_Amp_u9p7[2]	3840
t_CurrParamCompQaxRef_Amp_u9p7[3]	5120
t_CurrParamCompQaxRef_Amp_u9p7[4]	6400
t_CurrParamCompQaxRef_Amp_u9p7[5]	7680
t_CurrParamCompQaxRef_Amp_u9p7[6]	8960
t_KeSatTbIX_Amp_u9p7[0]	1280
t_KeSatTbIX_Amp_u9p7[1]	2560
t_KeSatTbIX_Amp_u9p7[2]	3840
t_KeSatTbIX_Amp_u9p7[3]	5120
t_KeSatTbIX_Amp_u9p7[4]	6400
t_KeSatTbIX_Amp_u9p7[5]	7680
t_KeSatTbIX_Amp_u9p7[6]	8960
t_KeSatTbIX_Amp_u9p7[7]	10240
t_KeSatTbIX_Amp_u9p7[8]	11520
t_KeSatTbIX_Amp_u9p7[9]	12800



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Name	Input Value
t_KeSatTbIX_Amp_u9p7[10]	14080
t_KeSatTbIX_Amp_u9p7[11]	15360
t_KeSatTbIX_Amp_u9p7[12]	16640
t_KeSatTbIX_Amp_u9p7[13]	17920
t_KeSatTbIX_Amp_u9p7[14]	19200
t_KeSatTbIX_Amp_u9p7[15]	20480
t_KeSatTbIY_Uls_u2p14[0]	2130
t_KeSatTbIY_Uls_u2p14[1]	2294
t_KeSatTbIY_Uls_u2p14[2]	2458
t_KeSatTbIY_Uls_u2p14[3]	1966
t_KeSatTbIY_Uls_u2p14[4]	2785
t_KeSatTbIY_Uls_u2p14[5]	2949
t_KeSatTbIY_Uls_u2p14[6]	3113
t_KeSatTbIY_Uls_u2p14[7]	3277
t_KeSatTbIY_Uls_u2p14[8]	2621
t_KeSatTbIY_Uls_u2p14[9]	3441
t_KeSatTbIY_Uls_u2p14[10]	1802
t_KeSatTbIY_Uls_u2p14[11]	3604
t_KeSatTbIY_Uls_u2p14[12]	3768
t_KeSatTbIY_Uls_u2p14[13]	3932
t_KeSatTbIY_Uls_u2p14[14]	4096
t_KeSatTbIY_Uls_u2p14[15]	4260
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	43.2491989
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	40.2624016
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32

Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	1	1	✓
MtrEstKe_VpRadpS_M_f32[0]	0.0299999993	0.0299999993	✓
MtrEstKe_VpRadpS_M_f32[1]	0.0410000011	0.0410000011	✓
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0410000011	0.0410000011	✓
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000218613292	0.000218613 ± 0.0000000009	✓
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000190000006	0.000190000006 ± 0.0625	✓
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0670000017	0.0670000017	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

Test Step 2.56 (Repeat Count = 1)	
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0549999997
EstRFF_Ohm_M_f32	0.0134234
FastDataAccessBufIndex_Cnt_M_u16	0
MtrEstKe_VpRadpS_M_f32[0]	0.0410000011
MtrEstKe_VpRadpS_M_f32[1]	0.0450000018
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0390000008
k_MaxLdRngLmt_Henry_f32	0.000280000007
k_MaxLqRngLmt_Henry_f32	0.000199999995
k_MaxRRngLmt_Ohm_f32	0.0590000004
k_MinKeRngLmt_VpRadpS_f32	0.0419999994
k_MinLdRngLmt_Henry_f32	0.000410000008
k_MinLqRngLmt_Henry_f32	0.000269999999
k_MinRRngLmt_Ohm_f32	0.0710000023
k_NomLd_Henry_f32	0.000289999996
k_NomLq_Henry_f32	0.000260000001
t2_CurrParamLdSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[0][5]	9830

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Name	Input Value
t2_CurrParamLdSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746

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Name	Input Value		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938		
t_CurrParamCompDaxRef_Amp_u9p7[0]	8960		
t_CurrParamCompDaxRef_Amp_u9p7[1]	10240		
t_CurrParamCompDaxRef_Amp_u9p7[2]	11520		
t_CurrParamCompDaxRef_Amp_u9p7[3]	12800		
t_CurrParamCompDaxRef_Amp_u9p7[4]	14080		
t_CurrParamCompDaxRef_Amp_u9p7[5]	15360		
t_CurrParamCompQaxRef_Amp_u9p7[0]	1280		
t_CurrParamCompQaxRef_Amp_u9p7[1]	2560		
t_CurrParamCompQaxRef_Amp_u9p7[2]	3840		
t_CurrParamCompQaxRef_Amp_u9p7[3]	5120		
t_CurrParamCompQaxRef_Amp_u9p7[4]	6400		
t_CurrParamCompQaxRef_Amp_u9p7[5]	7680		
t_CurrParamCompQaxRef_Amp_u9p7[6]	8960		
t_KeSatTblX_Amp_u9p7[0]	1408		
t_KeSatTblX_Amp_u9p7[1]	2816		
t_KeSatTblX_Amp_u9p7[2]	4224		
t_KeSatTblX_Amp_u9p7[3]	5632		
t_KeSatTblX_Amp_u9p7[4]	7040		
t_KeSatTblX_Amp_u9p7[5]	8448		
t_KeSatTblX_Amp_u9p7[6]	9856		
t_KeSatTblX_Amp_u9p7[7]	11264		
t_KeSatTblX_Amp_u9p7[8]	12672		
t_KeSatTblX_Amp_u9p7[9]	14080		
t_KeSatTblX_Amp_u9p7[10]	15360		
t_KeSatTblX_Amp_u9p7[11]	16640		
t_KeSatTblX_Amp_u9p7[12]	17920		
t_KeSatTblX_Amp_u9p7[13]	19200		
t_KeSatTblX_Amp_u9p7[14]	20480		
t_KeSatTblX_Amp_u9p7[15]	21760		
t_KeSatTblY_Uls_u2p14[0]	1966		
t_KeSatTblY_Uls_u2p14[1]	2130		
t_KeSatTblY_Uls_u2p14[2]	6554		
t_KeSatTblY_Uls_u2p14[3]	1802		
t_KeSatTblY_Uls_u2p14[4]	2621		
t_KeSatTblY_Uls_u2p14[5]	2785		
t_KeSatTblY_Uls_u2p14[6]	4096		
t_KeSatTblY_Uls_u2p14[7]	5734		
t_KeSatTblY_Uls_u2p14[8]	2458		
t_KeSatTblY_Uls_u2p14[9]	7373		
t_KeSatTblY_Uls_u2p14[10]	8192		
t_KeSatTblY_Uls_u2p14[11]	9011		
t_KeSatTblY_Uls_u2p14[12]	10650		
t_KeSatTblY_Uls_u2p14[13]	12288		
t_KeSatTblY_Uls_u2p14[14]	13926		
t_KeSatTblY_Uls_u2p14[15]	15565		
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	-156.324997		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	43.2491989		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3:	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3:	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	1	1	✔
MtrEstKe_VpRadpS_M_f32[0]	0.0410000011	0.0410000011	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0419999994	0.0419999994	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0419999994	0.0419999994	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000280000007	0.000280000007 ± 0.0000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000199999995	0.000199999995 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0710000023	0.0710000023	✔

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CurrParamComp\_Per1

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

## Test Step 2.57 (Repeat Count = 1)

Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0560000017
EstRFF_Ohm_M_f32	0.0144124003
FastDataAccessBufIndex_Cnt_M_u16	1
MtrEstKe_VpRadpS_M_f32[0]	0.0430000015
MtrEstKe_VpRadpS_M_f32[1]	0.0710000023
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0399999991
k_MaxLdRngLmt_Henry_f32	0.000289999996
k_MaxLqRngLmt_Henry_f32	0.000209999998
k_MaxRRngLmt_Ohm_f32	0.0630000001
k_MinKeRngLmt_VpRadpS_f32	0.0430000015
k_MinLdRngLmt_Henry_f32	9.99999975e-005
k_MinLqRngLmt_Henry_f32	0.000280000007
k_MinRRngLmt_Ohm_f32	0.0750000003
k_NomLd_Henry_f32	0.000300000014
k_NomLq_Henry_f32	0.000269999999
t2_CurrParamLdSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[0][2]	4915

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Name	Input Value
t2_CurrParamLqSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938
t_CurrParamCompDaxRef_Amp_u9p7[0]	16640
t_CurrParamCompDaxRef_Amp_u9p7[1]	17920
t_CurrParamCompDaxRef_Amp_u9p7[2]	19200
t_CurrParamCompDaxRef_Amp_u9p7[3]	20480
t_CurrParamCompDaxRef_Amp_u9p7[4]	21760
t_CurrParamCompDaxRef_Amp_u9p7[5]	23040
t_CurrParamCompQaxRef_Amp_u9p7[0]	1408
t_CurrParamCompQaxRef_Amp_u9p7[1]	2816
t_CurrParamCompQaxRef_Amp_u9p7[2]	4224
t_CurrParamCompQaxRef_Amp_u9p7[3]	5632
t_CurrParamCompQaxRef_Amp_u9p7[4]	7040
t_CurrParamCompQaxRef_Amp_u9p7[5]	8448
t_CurrParamCompQaxRef_Amp_u9p7[6]	9856
t_KeSatTblX_Amp_u9p7[0]	640
t_KeSatTblX_Amp_u9p7[1]	1920
t_KeSatTblX_Amp_u9p7[2]	3200
t_KeSatTblX_Amp_u9p7[3]	4480
t_KeSatTblX_Amp_u9p7[4]	5760
t_KeSatTblX_Amp_u9p7[5]	7040
t_KeSatTblX_Amp_u9p7[6]	8320
t_KeSatTblX_Amp_u9p7[7]	9600
t_KeSatTblX_Amp_u9p7[8]	10880
t_KeSatTblX_Amp_u9p7[9]	12160
t_KeSatTblX_Amp_u9p7[10]	13440
t_KeSatTblX_Amp_u9p7[11]	14720
t_KeSatTblX_Amp_u9p7[12]	16000
t_KeSatTblX_Amp_u9p7[13]	17280
t_KeSatTblX_Amp_u9p7[14]	18560
t_KeSatTblX_Amp_u9p7[15]	19840
t_KeSatTblY_Uls_u2p14[0]	1966
t_KeSatTblY_Uls_u2p14[1]	2130
t_KeSatTblY_Uls_u2p14[2]	2294
t_KeSatTblY_Uls_u2p14[3]	1802
t_KeSatTblY_Uls_u2p14[4]	2621

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Name	Input Value		
t_KeSatTbIY_Uls_u2p14[5]	2785		
t_KeSatTbIY_Uls_u2p14[6]	3277		
t_KeSatTbIY_Uls_u2p14[7]	4915		
t_KeSatTbIY_Uls_u2p14[8]	2458		
t_KeSatTbIY_Uls_u2p14[9]	6554		
t_KeSatTbIY_Uls_u2p14[10]	1638		
t_KeSatTbIY_Uls_u2p14[11]	8192		
t_KeSatTbIY_Uls_u2p14[12]	9830		
t_KeSatTbIY_Uls_u2p14[13]	11469		
t_KeSatTbIY_Uls_u2p14[14]	13107		
t_KeSatTbIY_Uls_u2p14[15]	14746		
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	-160.365005		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	-156.324997		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	0	0	✔
MtrEstKe_VpRadpS_M_f32[0]	0.0399999991	0.0399999991	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0710000023	0.0710000023	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0399999991	0.0399999991	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000289999996	0.000289999996 ± 0.0000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000209999998	0.000209999998 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.075000003	0.075000003	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntpIVarXY_u16_u16Xu16Y_Cnt	1	IntpIVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

Test Step 2.58 (Repeat Count = 1)	
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.057
EstRFF_Ohm_M_f32	0.0156346001
FastDataAccessBufIndex_Cnt_M_u16	1
MtrEstKe_VpRadpS_M_f32[0]	0.0649999976
MtrEstKe_VpRadpS_M_f32[1]	0.0689999983
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0410000011
k_MaxLdRngLmt_Henry_f32	2.99999992e-005
k_MaxLqRngLmt_Henry_f32	0.000220000002
k_MaxRRngLmt_Ohm_f32	0.0670000017
k_MinKeRngLmt_VpRadpS_f32	0.0439999998
k_MinLdRngLmt_Henry_f32	0.000280000007
k_MinLqRngLmt_Henry_f32	0.000289999996
k_MinRRngLmt_Ohm_f32	0.0790000036
k_NomLd_Henry_f32	0.000310000003
k_NomLq_Henry_f32	0.000280000007
t2_CurrParamLdSatScIFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatScIFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatScIFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatScIFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatScIFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatScIFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatScIFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatScIFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatScIFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatScIFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatScIFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatScIFac_Uls_u2p14[2][2]	27853

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Name	Input Value
t2_CurrParamLdSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938
t_CurrParamCompDaxRef_Amp_u9p7[0]	24320
t_CurrParamCompDaxRef_Amp_u9p7[1]	25600
t_CurrParamCompDaxRef_Amp_u9p7[2]	26880
t_CurrParamCompDaxRef_Amp_u9p7[3]	27008
t_CurrParamCompDaxRef_Amp_u9p7[4]	27136
t_CurrParamCompDaxRef_Amp_u9p7[5]	16000



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CurrParamComp\_Per1

Name	Input Value		
t_CurrParamCompQaxRef_Amp_u9p7[0]	16640		
t_CurrParamCompQaxRef_Amp_u9p7[1]	17920		
t_CurrParamCompQaxRef_Amp_u9p7[2]	19200		
t_CurrParamCompQaxRef_Amp_u9p7[3]	20480		
t_CurrParamCompQaxRef_Amp_u9p7[4]	21760		
t_CurrParamCompQaxRef_Amp_u9p7[5]	23040		
t_CurrParamCompQaxRef_Amp_u9p7[6]	25600		
t_KeSatTblX_Amp_u9p7[0]	1280		
t_KeSatTblX_Amp_u9p7[1]	2560		
t_KeSatTblX_Amp_u9p7[2]	3840		
t_KeSatTblX_Amp_u9p7[3]	5120		
t_KeSatTblX_Amp_u9p7[4]	6400		
t_KeSatTblX_Amp_u9p7[5]	7680		
t_KeSatTblX_Amp_u9p7[6]	8960		
t_KeSatTblX_Amp_u9p7[7]	10240		
t_KeSatTblX_Amp_u9p7[8]	11520		
t_KeSatTblX_Amp_u9p7[9]	12800		
t_KeSatTblX_Amp_u9p7[10]	14080		
t_KeSatTblX_Amp_u9p7[11]	15360		
t_KeSatTblX_Amp_u9p7[12]	16640		
t_KeSatTblX_Amp_u9p7[13]	17920		
t_KeSatTblX_Amp_u9p7[14]	19200		
t_KeSatTblX_Amp_u9p7[15]	20480		
t_KeSatTblY_Uls_u2p14[0]	4915		
t_KeSatTblY_Uls_u2p14[1]	6554		
t_KeSatTblY_Uls_u2p14[2]	8192		
t_KeSatTblY_Uls_u2p14[3]	3277		
t_KeSatTblY_Uls_u2p14[4]	11469		
t_KeSatTblY_Uls_u2p14[5]	13107		
t_KeSatTblY_Uls_u2p14[6]	14746		
t_KeSatTblY_Uls_u2p14[7]	1802		
t_KeSatTblY_Uls_u2p14[8]	9830		
t_KeSatTblY_Uls_u2p14[9]	1966		
t_KeSatTblY_Uls_u2p14[10]	1638		
t_KeSatTblY_Uls_u2p14[11]	2130		
t_KeSatTblY_Uls_u2p14[12]	2294		
t_KeSatTblY_Uls_u2p14[13]	2458		
t_KeSatTblY_Uls_u2p14[14]	2621		
t_KeSatTblY_Uls_u2p14[15]	2785		
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	-164.404999		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	-160.365005		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	0	0	✔
MtrEstKe_VpRadpS_M_f32[0]	0.0439999998	0.0439999998	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0689999983	0.0689999983	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0439999998	0.0439999998	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	2.99999992e-005	2.99999992e-005 ± 0.0000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000289999996	0.000289999996 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0790000036	0.0790000036	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

## Test Step 2.59 (Repeat Count = 1)

Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0579999983
EstRFF_Ohm_M_f32	0.0166560002
FastDataAccessBufIndex_Cnt_M_u16	1
MtrEstKe_VpRadpS_M_f32[0]	0.0340000018
MtrEstKe_VpRadpS_M_f32[1]	0.0689999983



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CurrParamComp\_Per1

Name	Input Value
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0419999994
k_MaxLdRngLmt_Henry_f32	0.000410000008
k_MaxLqRngLmt_Henry_f32	0.000230000005
k_MaxRRngLmt_Ohm_f32	0.0710000023
k_MinKeRngLmt_VpRadpS_f32	0.0450000018
k_MinLdRngLmt_Henry_f32	0.000289999996
k_MinLqRngLmt_Henry_f32	0.000300000014
k_MinRRngLmt_Ohm_f32	0.0829999968
k_NomLd_Henry_f32	0.000319999992
k_NomLq_Henry_f32	0.000289999996
t2_CurrParamLdSatScIFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatScIFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatScIFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatScIFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatScIFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatScIFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatScIFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatScIFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatScIFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatScIFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatScIFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatScIFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatScIFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatScIFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatScIFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatScIFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatScIFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatScIFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatScIFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatScIFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatScIFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatScIFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatScIFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatScIFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatScIFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatScIFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatScIFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatScIFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatScIFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatScIFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatScIFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatScIFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatScIFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatScIFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatScIFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatScIFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatScIFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatScIFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatScIFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatScIFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatScIFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatScIFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatScIFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatScIFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatScIFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatScIFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatScIFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatScIFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatScIFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatScIFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatScIFac_Uls_u2p14[2][5]	31949

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CurrParamComp\_Per1

Name	Input Value
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938
t_CurrParamCompDaxRef_Amp_u9p7[0]	1280
t_CurrParamCompDaxRef_Amp_u9p7[1]	2560
t_CurrParamCompDaxRef_Amp_u9p7[2]	3840
t_CurrParamCompDaxRef_Amp_u9p7[3]	5120
t_CurrParamCompDaxRef_Amp_u9p7[4]	6400
t_CurrParamCompDaxRef_Amp_u9p7[5]	7680
t_CurrParamCompQaxRef_Amp_u9p7[0]	24320
t_CurrParamCompQaxRef_Amp_u9p7[1]	25600
t_CurrParamCompQaxRef_Amp_u9p7[2]	26880
t_CurrParamCompQaxRef_Amp_u9p7[3]	27008
t_CurrParamCompQaxRef_Amp_u9p7[4]	27136
t_CurrParamCompQaxRef_Amp_u9p7[5]	16000
t_CurrParamCompQaxRef_Amp_u9p7[6]	17280
t_KeSatTbIX_Amp_u9p7[0]	1408
t_KeSatTbIX_Amp_u9p7[1]	2816
t_KeSatTbIX_Amp_u9p7[2]	4224
t_KeSatTbIX_Amp_u9p7[3]	5632
t_KeSatTbIX_Amp_u9p7[4]	7040
t_KeSatTbIX_Amp_u9p7[5]	8448
t_KeSatTbIX_Amp_u9p7[6]	9856
t_KeSatTbIX_Amp_u9p7[7]	11264
t_KeSatTbIX_Amp_u9p7[8]	12672
t_KeSatTbIX_Amp_u9p7[9]	14080
t_KeSatTbIX_Amp_u9p7[10]	15360
t_KeSatTbIX_Amp_u9p7[11]	16640
t_KeSatTbIX_Amp_u9p7[12]	17920
t_KeSatTbIX_Amp_u9p7[13]	19200
t_KeSatTbIX_Amp_u9p7[14]	20480
t_KeSatTbIX_Amp_u9p7[15]	21760
t_KeSatTbIY_Uls_u2p14[0]	2130
t_KeSatTbIY_Uls_u2p14[1]	2294
t_KeSatTbIY_Uls_u2p14[2]	2458
t_KeSatTbIY_Uls_u2p14[3]	1966
t_KeSatTbIY_Uls_u2p14[4]	2785
t_KeSatTbIY_Uls_u2p14[5]	2949
t_KeSatTbIY_Uls_u2p14[6]	3113
t_KeSatTbIY_Uls_u2p14[7]	3277
t_KeSatTbIY_Uls_u2p14[8]	2621
t_KeSatTbIY_Uls_u2p14[9]	3441
t_KeSatTbIY_Uls_u2p14[10]	1802
t_KeSatTbIY_Uls_u2p14[11]	3604
t_KeSatTbIY_Uls_u2p14[12]	3768
t_KeSatTbIY_Uls_u2p14[13]	3932
t_KeSatTbIY_Uls_u2p14[14]	4096
t_KeSatTbIY_Uls_u2p14[15]	4260
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	-168.445007
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	-164.404999
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32

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CurrParamComp\_Per1

Name	Input Value		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	0	0	✔
MtrEstKe_VpRadpS_M_f32[0]	0.0450000018	0.0450000018	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0689999983	0.0689999983	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0450000018	0.0450000018	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000289999996	0.000289999996 ± 0.0000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000230000005	0.000230000005 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0829999968	0.0829999968	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

Test Step 2.60 (Repeat Count = 1)	
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0590000004
EstRFF_Ohm_M_f32	0.0176344998
FastDataAccessBufIndex_Cnt_M_u16	1
MtrEstKe_VpRadpS_M_f32[0]	0.0549999997
MtrEstKe_VpRadpS_M_f32[1]	0.00899999961
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0430000015
k_MaxLdRngLmt_Henry_f32	0.000199999995
k_MaxLqRngLmt_Henry_f32	0.000239999994
k_MaxRRngLmt_Ohm_f32	0.075000003
k_MinKeRngLmt_VpRadpS_f32	0.0460000001
k_MinLdRngLmt_Henry_f32	0.000300000014
k_MinLqRngLmt_Henry_f32	0.000310000003
k_MinRRngLmt_Ohm_f32	0.0869999975
k_NomLd_Henry_f32	0.00033000001
k_NomLq_Henry_f32	0.000300000014
t2_CurrParamLdSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[4][5]	9830

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CurrParamComp\_Per1

Name	Input Value
t2_CurrParamLdSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938
t_CurrParamCompDaxRef_Amp_u9p7[0]	1408
t_CurrParamCompDaxRef_Amp_u9p7[1]	2816
t_CurrParamCompDaxRef_Amp_u9p7[2]	4224
t_CurrParamCompDaxRef_Amp_u9p7[3]	5632
t_CurrParamCompDaxRef_Amp_u9p7[4]	7040
t_CurrParamCompDaxRef_Amp_u9p7[5]	8448
t_CurrParamCompQaxRef_Amp_u9p7[0]	1280
t_CurrParamCompQaxRef_Amp_u9p7[1]	2560
t_CurrParamCompQaxRef_Amp_u9p7[2]	3840
t_CurrParamCompQaxRef_Amp_u9p7[3]	5120
t_CurrParamCompQaxRef_Amp_u9p7[4]	6400
t_CurrParamCompQaxRef_Amp_u9p7[5]	7680
t_CurrParamCompQaxRef_Amp_u9p7[6]	8960
t_KeSatTbIX_Amp_u9p7[0]	640
t_KeSatTbIX_Amp_u9p7[1]	1920
t_KeSatTbIX_Amp_u9p7[2]	3200
t_KeSatTbIX_Amp_u9p7[3]	4480
t_KeSatTbIX_Amp_u9p7[4]	5760
t_KeSatTbIX_Amp_u9p7[5]	7040
t_KeSatTbIX_Amp_u9p7[6]	8320
t_KeSatTbIX_Amp_u9p7[7]	9600
t_KeSatTbIX_Amp_u9p7[8]	10880
t_KeSatTbIX_Amp_u9p7[9]	12160

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Name	Input Value
t_KeSatTbIX_Amp_u9p7[10]	13440
t_KeSatTbIX_Amp_u9p7[11]	14720
t_KeSatTbIX_Amp_u9p7[12]	16000
t_KeSatTbIX_Amp_u9p7[13]	17280
t_KeSatTbIX_Amp_u9p7[14]	18560
t_KeSatTbIX_Amp_u9p7[15]	19840
t_KeSatTbIY_Uls_u2p14[0]	1966
t_KeSatTbIY_Uls_u2p14[1]	2130
t_KeSatTbIY_Uls_u2p14[2]	6554
t_KeSatTbIY_Uls_u2p14[3]	1802
t_KeSatTbIY_Uls_u2p14[4]	2621
t_KeSatTbIY_Uls_u2p14[5]	2949
t_KeSatTbIY_Uls_u2p14[6]	4096
t_KeSatTbIY_Uls_u2p14[7]	5734
t_KeSatTbIY_Uls_u2p14[8]	2458
t_KeSatTbIY_Uls_u2p14[9]	7373
t_KeSatTbIY_Uls_u2p14[10]	8192
t_KeSatTbIY_Uls_u2p14[11]	9011
t_KeSatTbIY_Uls_u2p14[12]	10650
t_KeSatTbIY_Uls_u2p14[13]	12288
t_KeSatTbIY_Uls_u2p14[14]	13926
t_KeSatTbIY_Uls_u2p14[15]	15565
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	-172.485001
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	-168.445007
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32

Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	0	0	✓
MtrEstKe_VpRadpS_M_f32[0]	0.0430000015	0.0430000015	✓
MtrEstKe_VpRadpS_M_f32[1]	0.00899999961	0.00899999961	✓
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0430000015	0.0430000015	✓
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000199999995	0.000199999995 ± 0.00000000009	✓
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000239999994	0.000239999994 ± 0.0625	✓
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0869999975	0.0869999975	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

## Test Step 2.61 (Repeat Count = 1)

Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0599999987
EstRFF_Ohm_M_f32	0.0186745599
FastDataAccessBufIndex_Cnt_M_u16	0
MtrEstKe_VpRadpS_M_f32[0]	0.670000017
MtrEstKe_VpRadpS_M_f32[1]	0.680000007
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0439999998
k_MaxLdRngLmt_Henry_f32	0.000280000007
k_MaxLqRngLmt_Henry_f32	0.000250000012
k_MaxRRngLmt_Ohm_f32	0.0790000036
k_MinKeRngLmt_VpRadpS_f32	0.0469999984
k_MinLdRngLmt_Henry_f32	0.000310000003
k_MinLqRngLmt_Henry_f32	0.000319999992
k_MinRRngLmt_Ohm_f32	0.0909999982
k_NomLd_Henry_f32	0.000339999999
k_NomLq_Henry_f32	0.000310000003
t2_CurrParamLdSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[0][5]	9830

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Name	Input Value
t2_CurrParamLdSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746

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CurrParamComp\_Per1

Name	Input Value		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299		
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938		
t_CurrParamCompDaxRef_Amp_u9p7[0]	8960		
t_CurrParamCompDaxRef_Amp_u9p7[1]	10240		
t_CurrParamCompDaxRef_Amp_u9p7[2]	11520		
t_CurrParamCompDaxRef_Amp_u9p7[3]	12800		
t_CurrParamCompDaxRef_Amp_u9p7[4]	14080		
t_CurrParamCompDaxRef_Amp_u9p7[5]	15360		
t_CurrParamCompQaxRef_Amp_u9p7[0]	1280		
t_CurrParamCompQaxRef_Amp_u9p7[1]	2560		
t_CurrParamCompQaxRef_Amp_u9p7[2]	3840		
t_CurrParamCompQaxRef_Amp_u9p7[3]	5120		
t_CurrParamCompQaxRef_Amp_u9p7[4]	6400		
t_CurrParamCompQaxRef_Amp_u9p7[5]	7680		
t_CurrParamCompQaxRef_Amp_u9p7[6]	8960		
t_KeSatTblX_Amp_u9p7[0]	1280		
t_KeSatTblX_Amp_u9p7[1]	2560		
t_KeSatTblX_Amp_u9p7[2]	3840		
t_KeSatTblX_Amp_u9p7[3]	5120		
t_KeSatTblX_Amp_u9p7[4]	6400		
t_KeSatTblX_Amp_u9p7[5]	7680		
t_KeSatTblX_Amp_u9p7[6]	8960		
t_KeSatTblX_Amp_u9p7[7]	10240		
t_KeSatTblX_Amp_u9p7[8]	11520		
t_KeSatTblX_Amp_u9p7[9]	12800		
t_KeSatTblX_Amp_u9p7[10]	14080		
t_KeSatTblX_Amp_u9p7[11]	15360		
t_KeSatTblX_Amp_u9p7[12]	16640		
t_KeSatTblX_Amp_u9p7[13]	17920		
t_KeSatTblX_Amp_u9p7[14]	19200		
t_KeSatTblX_Amp_u9p7[15]	20480		
t_KeSatTblY_Uls_u2p14[0]	1966		
t_KeSatTblY_Uls_u2p14[1]	2130		
t_KeSatTblY_Uls_u2p14[2]	2294		
t_KeSatTblY_Uls_u2p14[3]	1802		
t_KeSatTblY_Uls_u2p14[4]	2621		
t_KeSatTblY_Uls_u2p14[5]	2785		
t_KeSatTblY_Uls_u2p14[6]	3277		
t_KeSatTblY_Uls_u2p14[7]	4915		
t_KeSatTblY_Uls_u2p14[8]	2458		
t_KeSatTblY_Uls_u2p14[9]	6554		
t_KeSatTblY_Uls_u2p14[10]	1638		
t_KeSatTblY_Uls_u2p14[11]	8192		
t_KeSatTblY_Uls_u2p14[12]	9830		
t_KeSatTblY_Uls_u2p14[13]	11469		
t_KeSatTblY_Uls_u2p14[14]	13107		
t_KeSatTblY_Uls_u2p14[15]	14746		
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	-176.524994		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	-172.485001		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	1	1	✔
MtrEstKe_VpRadpS_M_f32[0]	0.670000017	0.670000017	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0439999998	0.0439999998	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0439999998	0.0439999998	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000280000007	0.000280000007 ± 0.0000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000250000012	0.000250000012 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0909999982	0.0909999982	✔



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CurrParamComp\_Per1

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓

## Test Step 2.62 (Repeat Count = 1)

Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0610000007
EstRFF_Ohm_M_f32	0.0195234492
FastDataAccessBufIndex_Cnt_M_u16	1
MtrEstKe_VpRadpS_M_f32[0]	0.0489999987
MtrEstKe_VpRadpS_M_f32[1]	0.0649999976
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0450000018
k_MaxLdRngLmt_Henry_f32	0.000289999996
k_MaxLqRngLmt_Henry_f32	0.000260000001
k_MaxRRngLmt_Ohm_f32	0.0829999968
k_MinKeRngLmt_VpRadpS_f32	0.0480000004
k_MinLdRngLmt_Henry_f32	0.000319999992
k_MinLqRngLmt_Henry_f32	0.000330000001
k_MinRRngLmt_Ohm_f32	0.0949999988
k_NomLd_Henry_f32	0.000349999988
k_NomLq_Henry_f32	0.000319999992
t2_CurrParamLdSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[0][2]	4915



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Name	Input Value
t2_CurrParamLqSatSciFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSciFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSciFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSciFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSciFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSciFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSciFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSciFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSciFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSciFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSciFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSciFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSciFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSciFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSciFac_Uls_u2p14[5][6]	22938
t_CurrParamCompDaxRef_Amp_u9p7[0]	16640
t_CurrParamCompDaxRef_Amp_u9p7[1]	17920
t_CurrParamCompDaxRef_Amp_u9p7[2]	19200
t_CurrParamCompDaxRef_Amp_u9p7[3]	20480
t_CurrParamCompDaxRef_Amp_u9p7[4]	21760
t_CurrParamCompDaxRef_Amp_u9p7[5]	23040
t_CurrParamCompQaxRef_Amp_u9p7[0]	1408
t_CurrParamCompQaxRef_Amp_u9p7[1]	2816
t_CurrParamCompQaxRef_Amp_u9p7[2]	4224
t_CurrParamCompQaxRef_Amp_u9p7[3]	5632
t_CurrParamCompQaxRef_Amp_u9p7[4]	7040
t_CurrParamCompQaxRef_Amp_u9p7[5]	8448
t_CurrParamCompQaxRef_Amp_u9p7[6]	9856
t_KeSatTblX_Amp_u9p7[0]	1408
t_KeSatTblX_Amp_u9p7[1]	2816
t_KeSatTblX_Amp_u9p7[2]	4224
t_KeSatTblX_Amp_u9p7[3]	5632
t_KeSatTblX_Amp_u9p7[4]	7040
t_KeSatTblX_Amp_u9p7[5]	8448
t_KeSatTblX_Amp_u9p7[6]	9856
t_KeSatTblX_Amp_u9p7[7]	11264
t_KeSatTblX_Amp_u9p7[8]	12672
t_KeSatTblX_Amp_u9p7[9]	14080
t_KeSatTblX_Amp_u9p7[10]	15360
t_KeSatTblX_Amp_u9p7[11]	16640
t_KeSatTblX_Amp_u9p7[12]	17920
t_KeSatTblX_Amp_u9p7[13]	19200
t_KeSatTblX_Amp_u9p7[14]	20480
t_KeSatTblX_Amp_u9p7[15]	21760
t_KeSatTblY_Uls_u2p14[0]	2130
t_KeSatTblY_Uls_u2p14[1]	2294
t_KeSatTblY_Uls_u2p14[2]	2458
t_KeSatTblY_Uls_u2p14[3]	1966
t_KeSatTblY_Uls_u2p14[4]	2785

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Name	Input Value		
t_KeSatTbIY_Uls_u2p14[5]	2949		
t_KeSatTbIY_Uls_u2p14[6]	3113		
t_KeSatTbIY_Uls_u2p14[7]	3277		
t_KeSatTbIY_Uls_u2p14[8]	2621		
t_KeSatTbIY_Uls_u2p14[9]	3441		
t_KeSatTbIY_Uls_u2p14[10]	1802		
t_KeSatTbIY_Uls_u2p14[11]	3604		
t_KeSatTbIY_Uls_u2p14[12]	3768		
t_KeSatTbIY_Uls_u2p14[13]	3932		
t_KeSatTbIY_Uls_u2p14[14]	4096		
t_KeSatTbIY_Uls_u2p14[15]	4260		
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	-180.565002		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	-176.524994		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	0	0	✔
MtrEstKe_VpRadpS_M_f32[0]	0.0480000004	0.0480000004	✔
MtrEstKe_VpRadpS_M_f32[1]	0.0649999976	0.0649999976	✔
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0480000004	0.0480000004	✔
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000289999996	0.000289999996 ± 0.0000000009	✔
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000260000001	0.000260000001 ± 0.0625	✔
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0949999988	0.0949999988	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	✓
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	✓