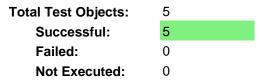
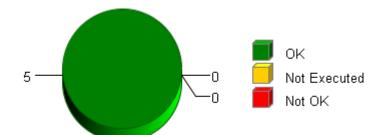


Summary

Overall Test Object Results (including Coverage)



Date: 2016-01-18 **Time:** 15:53:45+0530



Selected Project Items

Test Object "CBD_UnitTest/CurrParamComp/CurrParamComp_Init"

Test Object "CBD UnitTest/CurrParamComp/CurrParamComp Per1"

Test Object "CBD_UnitTest/CurrParamComp/CurrParamComp_Per2"

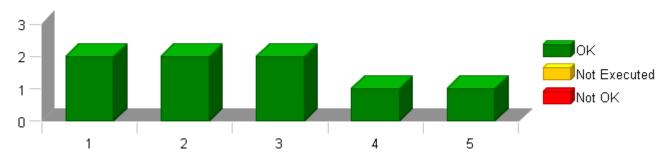
Test Object "CBD UnitTest/CurrParamComp/SCom EOLNomMtrParam Get"

Test Object "CBD_UnitTest/CurrParamComp/SCom_EOLNomMtrParam_Set"

Used Test Environments

TI TMS 570 PLS UDE (Default)

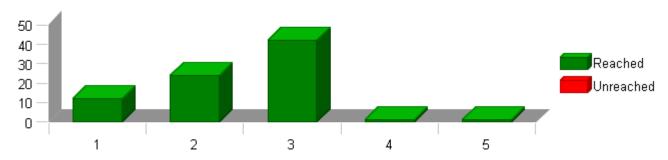
Test Case Results for Each Test Object (without Coverage)



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).

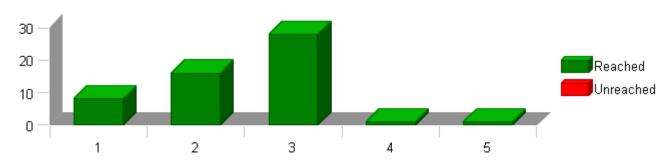


Statement (C0) Coverage: Total Statements for Each Test Object



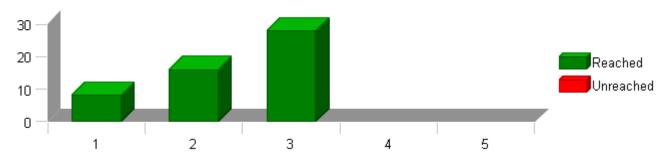
The table above shows each test object on the x axis and the number of statements of the respective test object on the y axis. Each bar is divided into reached statements (i.e. statements that have been executed during the test) and unreached statements.

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

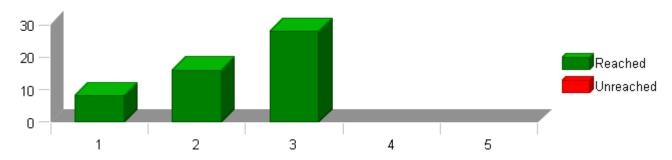


The table above shows test objects on the x axis and the number of possible outcomes of all decisions of the respective test object on the y axis. To achieve full DC coverage, each decision must evaluate to both true and false.

Each bar is divided into reached and unreached decision outcomes.



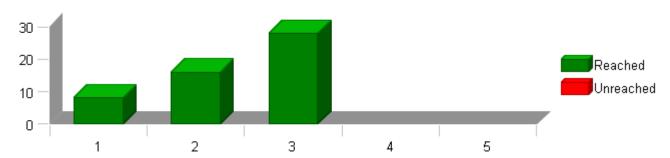
MC/DC Coverage: Total Condition Combinations for Each Test Object



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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Test Object List

Project MtrCtrl

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	МСС	Test Cases R	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	CurrParamComp_Init	100 %	100 %	100 %	100 %	100 %	2 of 2 passed	•
2	CurrParamComp_Per1	100 %	100 %	100 %	100 %	100 %	2 of 2 passed	•
3	CurrParamComp Per2	100 %	100 %	100 %	100 %	100 %	2 of 2 passed	•
4	SCom EOLNomMtrParam Get	100 %	100 %	-	-	-	1 of 1 passed	•
5	SCom EOLNomMtrParam Set	100 %	100 %	-	-	-	1 of 1 passed	•

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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= -Dinline= -Dconst= -I\$(PROJECTROOT)\MtrCtrl_CM\utp\contract -I\$(PROJECTROOT)\NxtrLib\include \((PROJECTROOT)\MtrCtrl_CM\utp\contract\Ap_CurrParamComp -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\Mtr\trunclude \((PROJECTROOT)\MtrCtrl_CM\utp\contract\Ap_CurrParamComp -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\Mtr\trunclude \((PROJECTROOT)\Mtr\trunclude \)	
File	\$(PROJECTROOT)\MtrCtrl_CM\src\Ap_CurrParamComp.c
Compiler Options	-D_DATA_ACCESS= -Dinline= -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'	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	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj</pre>				
InitSrcDir	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\src</pre>				
Linker File	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd</pre>				
Makefile Template	\$(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				

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SCom_EOLNomMtrParam_Get

Attributes					
Name	Value				
Timer Prescale	0				
Timer Resolution					
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 Case 1: Boundary Test

SCom_EOLNomMtrParam_Get

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 TS1.6 252.00 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_CurrParam	Сотр	
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_CurrParan	nComp	
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	1	
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_CurrParamC	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	✓	

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_CurrParam0	Comp	
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0379999988		
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0049999989		
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	0.0049999989	✓

Test Step Call Trace					V
Actual Function	Count	Expected Function	Count	Res	ult
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_CurrParamC	omp	
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_CurrParam0	Comp	
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	

target_NomRmtr_Ohm_f32

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0.00499999989

SCom_EOLNomMtrParam_Get	Razon	at	
Name	Input Value		
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	target_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
target NomKe VnRadnS f32	0.0250000004	0.0250000004	-

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

0.00499999989

Test Step 1.8 (Repeat Count = 1)	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_CurrParam	nComp		
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.075000003			
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.125650004			
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	target_Pim_EOLNomMtrParam	ı		
Name	Actual Value	Expected Value	Result	
target_NomKe_VpRadpS_f32	0.075000003	0.075000003	✓	
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	~

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Project MtrCtrl

CurrParamComp_Per2

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= -Dinline= -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= -Dinline= -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

lame	Text
lodule 'CurrParamComp'	**************************************
	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
	Onit rest rial 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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CurrParamComp_Per2



Attributes	
Name	Value
Makefile Template	<pre>\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl</pre>
Target Install Path	\$(ProgramFiles)\pls\UDE 3.2
Time Unit	Cycles
Timer Enabled	false
Timer Prescale	0
Timer Resolution	
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\MtrCtrl_CM\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP



Test Case 1: Metrics Test

Specification

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

TS1.1 671.00 Cycles TS1.2 709.00 Cycles

Description

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_SITEMPESTHILMT_DEGC_F32)=True

(SiTempEst_DegC_T_f32>=D_SITEMPESTLOLMT_DEGC_F32)=True"

TS1.2"| ongest_Execution_Path:

(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 f3:	tgt_CurrParamComp_Per2_MagTempEst_D	egC_f32	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32$	tgt_CurrParamComp_Per2_SiTempEst_Deg	C_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			V	
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	~

Name	Input Value
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_CuThermCoeff_OhmpDegC_f32	0.000769099977
k_MagThrC_VpRadpSpDegC_f32	0.00019999995
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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CurrParamComp_Per2

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				V
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	~

CurrParamComp_Per2

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Test Case 2: Boundary Test

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Specification

CurrParamComp_Per2

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
TS2.3 690.00 Cycles
TS2.4 690.00 Cycles
TS2.5 690.00 Cycles
TS2.5 690.00 Cycles
TS2.6 700.00 Cycles
TS2.7 682.00 Cycles
TS2.9 700.00 Cycles
TS2.10 681.00 Cycles
TS2.11 690.00 Cycles
TS2.11 690.00 Cycles
TS2.11 690.00 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
TS2.17 700.00 Cycles
TS2.18 690.00 Cycles
TS2.19 700.00 Cycles
TS2.19 700.00 Cycles
TS2.19 700.00 Cycles
TS2.21 671.00 Cycles
TS2.21 670.00 Cycles
TS2.22 700.00 Cycles
TS2.21 671.00 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
TS2.31 692.00 Cycles
TS2.32 672.00 Cycles
TS2.33 700.00 Cycles
TS2.34 700.00 Cycles
TS2.35 700.00 Cycles
TS2.37 700.00 Cycles
TS2.38 671.00 Cycles
TS2.39 700.00 Cycles
TS2.41 680.00 Cycles
TS2.45 690.00 Cycles
TS2.45 690.00 Cycles
TS2.47 681.00 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
TS2.53 690.00 Cycles
TS2.55 690.00 Cycles
TS2.55 690.00 Cycles
TS2.55 690.00 Cycles
TS2.55 700.00 Cycles





Description Vector Description:

TS 2.1All min
TS 2.2All max
S 2.3CuTempEst_DegC_f32 max
S 2.3CuTempEst_DegC_f32 max
S 2.5CuTempEst_DegC_f32 rep
TS 2.6CuTempEst_DegC_f32 rep
TS 2.6CuTempEst_DegC_f32 rep
TS 2.6CuTempEst_DegC_f32 pos
TS 2.6CuTempEst_DegC_f32 pos
TS 2.6MagTempEst_DegC_f32 pos
TS 2.8MagTempEst_DegC_f32 max
S 2.8MagTempEst_DegC_f32 max
S 2.10MagTempEst_DegC_f32 rep
TS 2.11MagTempEst_DegC_f32 rep
TS 2.11MagTempEst_DegC_f32 pos
TS 2.13SiTempEst_DegC_f32 max
S 2.13SiTempEst_DegC_f32 max
S 2.15SiTempEst_DegC_f32 pos
TS 2.13SiTempEst_DegC_f32 pos
TS 2.14SiTempEst_DegC_f32 pos
TS 2.18SiTempEst_DegC_f32 pos
TS 2.18SiTempEst_DegC_f32 pos
TS 2.18N_morrow_DegC_f32 pos
TS 2.18N_morrow_DegC_f32 pos
TS 2.18N_morrow_DegC_f32 pos
TS 2.21K_NomTemp_DegC_f32 pos
TS 2.21K_NomTemp_DegC_f32 pos
TS 2.23K_NomTemp_DegC_f32 pos
TS 2.23K_MagThrC_VpRadpSpDegC_f32 max
TS 2.26K_MagThrC_VpRadpSpDegC_f32 pos
TS 2.27K_MagThrC_VpRadpSpDegC_f32 pos
TS 2.28K_MagThrC_VpRadpSpDegC_f32 pos
TS 2.38K_MarkeRngLmt_VpRadpS_f32 pos/Default
TS 2.38K_MarkeRngLmt_Opm_f32 pos/Default
TS 2.38K_MarkeRngLmt_Opm_f32 pos/Default
TS 2.38K_MarkeRngLmt_Opm_f32 pos/Default
TS 2.48K_MinRRngLmt_Opm_f32 pos/Default
TS 2.48K_MarkeRngLmt_Opm_f32 pos/Default
TS 2.48K_Ma

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_Deg	gC_f32	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f3222222222222222222222222222222222222$	tgt_CurrParamComp_Per2_MagTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_Degr	C_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	~



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_Deg	gC_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_De	egC_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_Deg	C_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_De	gC_f32	
tgt Rte Inst Ap CurrParamComp.CurrParamComp Per2 MagTempEst DegC f32	tgt_CurrParamComp_Per2_MagTempEst_D	egC_f32	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32$	tgt_CurrParamComp_Per2_SiTempEst_Deg	C_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	•	



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_Deg	C_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_De	egC_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_Deg0	C_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				V
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_Deg	C_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_De	egC_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_Deg0	C_f32	
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32	0.0329999998	0.032999998	~
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

CurrParamComp_Per2

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Name	Input Value		
k_MaxKeRngLmt_VpRadpS_f32	0.0340000018		
k_MaxRRngLmt_Ohm_f32	0.00899999961		
k_MinKeRngLmt_VpRadpS_f32	0.074000001		
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_Deg	gC_f32	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32$	tgt_CurrParamComp_Per2_MagTempEst_De	egC_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_Deg	C_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	0.0099999978		
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	0.075000003		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0680000037		
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32$	tgt_CurrParamComp_Per2_CuTempEst_Deg	gC_f32	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32$	tgt_CurrParamComp_Per2_MagTempEst_De	egC_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_Deg	C_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	0.0099999978	0.00999999978	•

Test Step Call Trace				V
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	~

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	0.0359999985	
k_MaxRRngLmt_Ohm_f32	0.0109999999	
k_MinKeRngLmt_VpRadpS_f32	0.0549999997	
k_MinRRngLmt_Ohm_f32	0.0140000004	
k_NomRfet_Ohm_f32	0.050999999	
k NomTemp DegC f32	-21.1270008	

CurrParamComp_Per2



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_De	gC_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_D	egC_f32	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32$	tgt_CurrParamComp_Per2_SiTempEst_Deg	C_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	0.029999993		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.00499999989		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32	tgt_CurrParamComp_Per2_CuTempEst_De	gC_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f3	tgt_CurrParamComp_Per2_MagTempEst_D	egC_f32	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32$	tgt_CurrParamComp_Per2_SiTempEst_Deg	C_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)	v v v v v v v v v v v v v v v v v v v
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
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.125650004

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CurrParamComp_Per2

Name	Input Value		
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32$	tgt_CurrParamComp_Per2_CuTempEst_Deg	C_f32	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32$	tgt_CurrParamComp_Per2_MagTempEst_De	egC_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	0.063000001		
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	0.059999987		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0932999998		
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f3222222222222222222222222222222222222$	tgt_CurrParamComp_Per2_CuTempEst_De	gC_f32	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_from ParamComp_Per2_MagTempEst_DegC_from ParamComp_Per2_MagTempEst_DegC$	32 tgt_CurrParamComp_Per2_MagTempEst_D	egC_f32	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32$	tgt_CurrParamComp_Per2_SiTempEst_Deg	C_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				V
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_D	0egC_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	

CurrParamComp_Per2



Name	Actual Value	Expected Value	Result
EstRFF Ohm M f32	0.0149999997	0.0149999997	✓

Test Step Call Trace				V
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	0.059999987		
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_Deg	C_f32	
$\underline{tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32}$	tgt_CurrParamComp_Per2_MagTempEst_De	egC_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_Deg0	C_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_De	gC_f32	
tgt Rte Inst Ap CurrParamComp.CurrParamComp Per2 MagTempEst DegC f32	tgt_CurrParamComp_Per2_MagTempEst_D	egC_f32	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32$	tgt_CurrParamComp_Per2_SiTempEst_Deg	C_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	~



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_Deg	gC_f32	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f3222222222222222222222222222222222222$	tgt_CurrParamComp_Per2_MagTempEst_De	egC_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_Deg	C_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_De	gC_f32	
tgt Rte Inst Ap CurrParamComp.CurrParamComp Per2 MagTempEst DegC f32	tgt_CurrParamComp_Per2_MagTempEst_D	egC_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_Deg	C_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	•	



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	0.061999999		
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	0.029999993		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.00499999989		
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32$	tgt_CurrParamComp_Per2_CuTempEst_Deg	C_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_De	egC_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_Deg@	C_f32	
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32	0.061999999	0.061999999	~
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	0.039999991		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.125650004		
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32$	tgt_CurrParamComp_Per2_CuTempEst_Deg	C_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_De	egC_f32	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32$	tgt_CurrParamComp_Per2_SiTempEst_Deg0	C_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	0.0089999961	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	0.0250000004		
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	0.059999987		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0932999998		
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32$	tgt_CurrParamComp_Per2_CuTempEst_De	gC_f32	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f3222222222222222222222222222222222222$	tgt_CurrParamComp_Per2_MagTempEst_D	egC_f32	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32$	tgt_CurrParamComp_Per2_SiTempEst_Deg	C_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	0.0099999978	~

Test Step Call Trace				V
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_Deg	gC_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_D	egC_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_Deg	C_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_Deg	gC_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_De	egC_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_Deg	C_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	19.9950008		
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_De	gC_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f3	tgt_CurrParamComp_Per2_MagTempEst_D	legC_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_Deg	C_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





Name	Input Value		
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32$	tgt_CurrParamComp_Per2_CuTempEst_Deg	C_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_De	egC_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_Deg	C_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_De	gC_f32	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f3222222222222222222222222222222222222$	tgt_CurrParamComp_Per2_MagTempEst_D	egC_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_Deg	C_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	~

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	0.029999993		
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_De	egC_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_0	DegC_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_Deg	gC_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	0.029999993		
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	0.029999993		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.00499999989		
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32$	tgt_CurrParamComp_Per2_CuTempEst_Deg	gC_f32	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32$	tgt_CurrParamComp_Per2_MagTempEst_De	egC_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_Deg	C_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	-0.00100000005		
k_MaxKeRngLmt_VpRadpS_f32	0.059999987		
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	0.039999991		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.125650004		
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32$	tgt_CurrParamComp_Per2_CuTempEst_De	gC_f32	
tgt Rte Inst Ap CurrParamComp.CurrParamComp Per2 MagTempEst DegC f32	tgt_CurrParamComp_Per2_MagTempEst_D	egC_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_Deg	C_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	~





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_De	gC_f32	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f3222222222222222222222222222222222222$	tgt_CurrParamComp_Per2_MagTempEst_D	egC_f32	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32$	tgt_CurrParamComp_Per2_SiTempEst_Deg	C_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_Deg	gC_f32	
tgt Rte Inst Ap CurrParamComp.CurrParamComp Per2 MagTempEst DegC f32	tgt_CurrParamComp_Per2_MagTempEst_De	egC_f32	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32$	tgt_CurrParamComp_Per2_SiTempEst_Deg	C_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	•	



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_Deg	C_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_De	egC_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_Deg@	C_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_Deg	C_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_De	egC_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_Deg0	C_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_De	gC_f32	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f3222222222222222222222222222222222222$	tgt_CurrParamComp_Per2_MagTempEst_D	egC_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_Deg	C_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_De	gC_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_D	egC_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_Deg	C_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	0.029999993	
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	0.029999993		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.00499999989		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32	tgt_CurrParamComp_Per2_CuTempEst_Deg	gC_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_De	egC_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_Deg	C_f32	
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32	0.029999993	0.029999993	~
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)			Ť
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_De	gC_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f3	2 tgt_CurrParamComp_Per2_MagTempEst_D	egC_f32	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32$	tgt_CurrParamComp_Per2_SiTempEst_Deg	C_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
tgt_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_Deg	C_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_De	egC_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_Deg	C_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_De	gC_f32	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f3$	2 tgt_CurrParamComp_Per2_MagTempEst_D	egC_f32	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32$	tgt_CurrParamComp_Per2_SiTempEst_Deg	C_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_De	gC_f32	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f3222222222222222222222222222222222222$	tgt_CurrParamComp_Per2_MagTempEst_D	egC_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_Deg	C_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	*

CurrParamComp_Per2



Name	Actual Value	Expected Value	Result
EstRFF Ohm M f32	0.0280000009	0.0280000009	✓

Test Step Call Trace				V
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_Deg	gC_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_D	egC_f32	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32$	tgt_CurrParamComp_Per2_SiTempEst_Deg	C_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	0.029999993		
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	0.075000003		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0680000037		
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32$	tgt_CurrParamComp_Per2_CuTempEst_De	gC_f32	
tgt Rte Inst Ap CurrParamComp.CurrParamComp Per2 MagTempEst DegC f32	tgt_CurrParamComp_Per2_MagTempEst_D	egC_f32	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32$	tgt_CurrParamComp_Per2_SiTempEst_Deg	C_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	0.029999993	~



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_Deg	gC_f32	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f3222222222222222222222222222222222222$	tgt_CurrParamComp_Per2_MagTempEst_De	egC_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_Deg	C_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	0.030999995	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	0.029999993		
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	0.029999993		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.00499999989		
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32$	tgt_CurrParamComp_Per2_CuTempEst_De	gC_f32	
tgt Rte Inst Ap CurrParamComp.CurrParamComp Per2 MagTempEst DegC f32	tgt_CurrParamComp_Per2_MagTempEst_D	egC_f32	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32$	tgt_CurrParamComp_Per2_SiTempEst_Deg	C_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	•	



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		
$tgt_Rte_Inst_Ap_CurrParamComp_Per2_CuTempEst_DegC_f32$	tgt_CurrParamComp_Per2_CuTempEst_Deg	C_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_De	egC_f32	
$tgt_Rte_Inst_Ap_CurrParamComp_CurrParamComp_Per2_SiTempEst_DegC_f32$	tgt_CurrParamComp_Per2_SiTempEst_Deg0	C_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	0.032999998	0.032999998	~

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_Deg	C_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_De	egC_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_Deg@	C_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	0.029999993		
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_De	gC_f32	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f3222222222222222222222222222222222222$	tgt_CurrParamComp_Per2_MagTempEst_D	egC_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_Deg	C_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	0.075000003		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.125650004		
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32$	tgt_CurrParamComp_Per2_CuTempEst_De	gC_f32	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f3222222222222222222222222222222222222$	tgt_CurrParamComp_Per2_MagTempEst_D	egC_f32	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32$	tgt_CurrParamComp_Per2_SiTempEst_Deg	C_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	-0.000300000014	
k_MaxKeRngLmt_VpRadpS_f32	0.0320000015	
k_MaxRRngLmt_Ohm_f32	0.00499999989	
k_MinKeRngLmt_VpRadpS_f32	0.0350000001	
k_MinRRngLmt_Ohm_f32	0.0309999995	
k_NomRfet_Ohm_f32	0.0219999999	
k NomTemp DegC f32	80.7170029	

EstKeFF_VpRadpS_M_f32

EstRFF_Ohm_M_f32

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Result

Expected Value

0.0320000015

0.00499999989

CurrParamComp_Per2	Razoncat
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
tot Rte Inst Ap CurrParamComp.Pim EQLNomMtrParam	tot Pim EOLNomMtrParam

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	✓	

Actual Value

0.0320000015

0.00499999989

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	0.032999998		
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_De	gC_f32	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f3222222222222222222222222222222222222$	tgt_CurrParamComp_Per2_MagTempEst_D	egC_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_Deg	C_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	0.059999987	
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	0.029999993	
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_Deg	C_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_De	egC_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_Deg	C_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	0.059999987	0.059999987	•

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	•

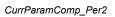
Test Step 2.50 (Repeat Count = 1)			V
Name	Input Value		
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp		
k_CuThermCoeff_OhmpDegC_f32	0.000769099977		
k_MagThrC_VpRadpSpDegC_f32	0.000199999995		
k_MaxKeRngLmt_VpRadpS_f32	0.0350000001		
k_MaxRRngLmt_Ohm_f32	0.0309999995		
k_MinKeRngLmt_VpRadpS_f32	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_Deg	C_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_De	egC_f32	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32$	tgt_CurrParamComp_Per2_SiTempEst_Deg@	C_f32	
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32	0.0379999988	0.037999988	~
EstRFF_Ohm_M_f32	0.0430000015	0.0430000015	~

Test Step Call Trace				V
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	✓

Name	Input Value		
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp		
k_CuThermCoeff_OhmpDegC_f32	0.000570999982		
k_MagThrC_VpRadpSpDegC_f32	-0.00100000005		
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_De	egC_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_I	DegC_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_De	gC_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	0.039999991		
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_Deg	gC_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f3	2 tgt_CurrParamComp_Per2_MagTempEst_D	egC_f32	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32$	tgt_CurrParamComp_Per2_SiTempEst_Deg	C_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)			V
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_De	gC_f32	
tgt Rte Inst Ap CurrParamComp.CurrParamComp Per2 MagTempEst DegC f32	tgt_CurrParamComp_Per2_MagTempEst_D	egC_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_Deg	C_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	~





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	0.0390000008		
k_MaxRRngLmt_Ohm_f32	0.0469999984		
k_MinKeRngLmt_VpRadpS_f32	0.0419999994		
k_MinRRngLmt_Ohm_f32	0.0590000004		
k_NomRfet_Ohm_f32	0.0120000001		
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	0.0500000007		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.125650004		
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32$	tgt_CurrParamComp_Per2_CuTempEst_Deg	gC_f32	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f3222222222222222222222222222222222222$	tgt_CurrParamComp_Per2_MagTempEst_De	egC_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_Deg	C_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	0.0469999984	0.0469999984	~

Test Step Call Trace				V
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	0.039999991		
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	0.029999993		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0781999975		
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32$	tgt_CurrParamComp_Per2_CuTempEst_Deg	gC_f32	
tgt Rte Inst Ap CurrParamComp.CurrParamComp Per2 MagTempEst DegC f32	tgt_CurrParamComp_Per2_MagTempEst_De	egC_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_Deg	C_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	•	

CurrParamComp_Per2

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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\underline\nxtractional path\underline\nxtractional pa

Comments/Description/	Specification
Name	Text
Module 'CurrParamComp'	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	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj</pre>
InitSrcDir	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\src</pre>
Linker File	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd</pre>
Makefile Template	\$(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

SCom_EOLNomMtrParam_Set

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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 Case 1: Boundary Test

SCom_EOLNomMtrParam_Set

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_EOLNomMtrPara	m	
Name	Actual Value	Expected Value	Result
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0250000004	0.0250000004	✓
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0729999989	0.072999989	✓

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_CurrPara	amComp	
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	target_Pim_EOLNomMtrPara	m	
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				V
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	0.050000007		
NomRmtr_Ohm_f32	0.0960000008		
Rte_Inst_Ap_CurrParamComp	target_Rte_Inst_Ap_CurrParamComp		
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	target_Pim_EOLNomMtrPara	am	
Name	Actual Value	Expected Value	Result
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.050000007	0.050000007	✓
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0960000008	0.0960000008	v

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 1.4 (Repeat Count = 1)			
Name	Input Value		
NomKe_VpRadpS_f32	0.029999993		
NomRmtr_Ohm_f32	0.00499999989		
Rte_Inst_Ap_CurrParamComp	target_Rte_Inst_Ap_CurrParamComp		
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	target_Pim_EOLNomMtrParan	n	
Name	Actual Value	Expected Value	Result
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.029999993	0.029999993	~
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.00499999989	0.0049999989	✓

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	0.039999991		
NomRmtr_Ohm_f32	0.125650004		
Rte_Inst_Ap_CurrParamComp	target_Rte_Inst_Ap_CurrPara	amComp	
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	target_Pim_EOLNomMtrPara	m	
Name	Actual Value	Expected Value	Result
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.039999991	0.039999991	~
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	0.059999987		
NomRmtr_Ohm_f32	0.0932999998		
Rte_Inst_Ap_CurrParamComp	target_Rte_Inst_Ap_CurrPara	amComp	
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	target_Pim_EOLNomMtrPara	am	
Name	Actual Value	Expected Value	Result
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.059999987	0.059999987	~
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0932999998	0.093299998	✓

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	0.0049999989		
Rte_Inst_Ap_CurrParamComp	target_Rte_Inst_Ap_CurrPara	amComp	
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	target_Pim_EOLNomMtrPara	am	
Name	Actual Value	Expected Value	Result
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0250000004	0.0250000004	~
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0049999989	0.0049999989	✓

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

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Name	Input Value		
NomRmtr_Ohm_f32	0.125650004		
Rte_Inst_Ap_CurrParamComp	target_Rte_Inst_Ap_CurrPar	ramComp	
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	target_Pim_EOLNomMtrPar	am	
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	•

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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= -Dinline= -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= -Dinline= -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

lame	Text
lodule 'CurrParamComp'	**************************************
	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
	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.
	NOTES. CBD_Sandbox_dbg.map map me 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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CurrParamComp_Init

Attributes	
Name	Value
Makefile Template	<pre>\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl</pre>
Target Install Path	<pre>\$(ProgramFiles)\pls\UDE 3.2</pre>
Time Unit	Cycles
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\MtrCtrl_CM\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP



Test Case 1: Metrics Test

Specification

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

TS1.1 40.00 Cycles TS1.2 57.00 Cycles

Description

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)			V
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	0.000410000008		
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_VpRadp	S_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 1.2 (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	2.9999992e-005		
k_NomLq_Henry_f32	0.00026999999		
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0375000015		
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0781000033		
$target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstKe_VpRadpS_f32$	f32 target_CurrParamComp_Init_EstKe_VpRadpS_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32	enry_f32 target_CurrParamComp_Init_EstLd_Henry_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLq_Henry_f32	Lq_Henry_f32 target_CurrParamComp_Init_EstLq_Henry_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstR_Ohm_f32	target_CurrParamComp_Init_EstR_Ohm_f3	2	
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	2.9999992e-005	2.9999992e-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 2.1 (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	2.9999992e-005		
k_NomLq_Henry_f32	2.9999992e-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	f32 target_CurrParamComp_Init_EstKe_VpRadpS_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32	target_CurrParamComp_Init_EstLd_Henry_f	32	
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	2	
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	2.9999992e-005	2.9999992e-005	~
target_CurrParamComp_Init_EstLq_Henry_f32.value	2.9999992e-005	2.9999992e-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	0.000410000008

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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_VpRadp	S_f32	
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32	target_CurrParamComp_Init_EstLd_Henry_f	32	
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLq_Henry_f32	target_CurrParamComp_Init_EstLq_Henry_f	32	
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	2.9999992e-005		
k_NomLq_Henry_f32	0.00026999999		
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0375000015		
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0781000033		
$target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstKe_VpRadpS_f32$	2 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_f3	2	
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	2.9999992e-005	2.9999992e-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_	<u>f</u> 32	
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstR_Ohm_f32	target_CurrParamComp_Init_EstR_Ohm_f3	2	
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	~

target_CurrParamComp_Init_EstR_Ohm_f32.value

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0.0577999987

CurrParamComp_Init **Actual Value Expected Value** 0.0577999987

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

Test Step 2.5 (Repeat Count = 1)			V
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_VpRadp	oS_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	2.9999992e-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_VpRad	pS_f32	
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32	target_CurrParamComp_Init_EstLd_Henry_	<u>f</u> 32	
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLq_Henry_f32	target_CurrParamComp_Init_EstLq_Henry_	<u>f</u> 32	
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstR_Ohm_f32	target_CurrParamComp_Init_EstR_Ohm_f3	2	
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	2.9999992e-005	2.9999992e-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_VpRadp	S_f32	
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32	target_CurrParamComp_Init_EstLd_Henry_f	32	
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_VpRac	lpS_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_f3	32	
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_f	32	
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstR_Ohm_f32	target_CurrParamComp_Init_EstR_Ohm_f32	2	
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	0.00020999998	0.00020999998	✓
target_CurrParamComp_Init_EstR_Ohm_f32.value	0.0049999989	0.00499999989	✓

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_VpRadp	oS_f32	
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32	target_CurrParamComp_Init_EstLd_Henry_f	32	
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLq_Henry_f32	target_CurrParamComp_Init_EstLq_Henry_f	32	
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstR_Ohm_f32	target_CurrParamComp_Init_EstR_Ohm_f32	2	
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)			V
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_VpRadp	oS_f32	
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32	target_CurrParamComp_Init_EstLd_Henry_t	32	
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLq_Henry_f32	target_CurrParamComp_Init_EstLq_Henry_t	32	
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstR_Ohm_f32	target_CurrParamComp_Init_EstR_Ohm_f32	2	
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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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_VpRadp	S_f32	
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32	target_CurrParamComp_Init_EstLd_Henry_f	32	
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLq_Henry_f32	target_CurrParamComp_Init_EstLq_Henry_f	32	
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	0.00026999999		
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.075000003		
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0891999975		
$target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstKe_VpRadpS_f32$	target_CurrParamComp_Init_EstKe_VpRa	dpS_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_t	32	
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	0.00026999999	0.00026999999	•
target CurrParamComp Init EstR Ohm f32.value	0.0891999975	0.0891999975	✓

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

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_VpRad	pS_f32	
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32	target_CurrParamComp_Init_EstLd_Henry_	<u>f</u> 32	
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLq_Henry_f32	target_CurrParamComp_Init_EstLq_Henry_	<u>f</u> 32	
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstR_Ohm_f32	target_CurrParamComp_Init_EstR_Ohm_f3	2	
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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CurrParamComp_Init

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				V
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	0.00026999999		
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_VpRadp	oS_f32	
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32	target_CurrParamComp_Init_EstLd_Henry_t	32	
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLq_Henry_f32	target_CurrParamComp_Init_EstLq_Henry_t	32	
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstR_Ohm_f32	target_CurrParamComp_Init_EstR_Ohm_f32	2	
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	0.00026999999	0.00026999999	~
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				V
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	0.075000003		
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_VpRadp	oS_f32	
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32	target_CurrParamComp_Init_EstLd_Henry_t	32	
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLq_Henry_f32	target_CurrParamComp_Init_EstLq_Henry_f	32	
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstR_Ohm_f32	target_CurrParamComp_Init_EstR_Ohm_f32	2	
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	0.000180000003	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	~

🗸
Input Value
target_Rte_Inst_Ap_CurrParamComp
l

target_CurrParamComp_Init_EstR_Ohm_f32.value

CurrParamComp_Init

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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 0.0571000017 MtrEstKe_VpRadpS_M_f32[0] 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 0.000280000007 0.000280000007 $target_CurrParamComp_Init_EstLq_Henry_f32.value$

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

0.0781000033

0.0781000033

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_VpRadp	oS_f32	
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32	2 target_CurrParamComp_Init_EstLd_Henry_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLq_Henry_f32	target_CurrParamComp_Init_EstLq_Henry_f	32	
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstR_Ohm_f32	target_CurrParamComp_Init_EstR_Ohm_f32	2	
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	✓

7	Test Step Call Trace			✓	
Α	ctual Function	Count	Expected Function	Count	Result
r	one	0	*** No Call Expected ***	0	~

Name	Input Value		
Rte_Inst_Ap_CurrParamComp	target_Rte_Inst_Ap_CurrParamComp		
k_MaxKeRngLmt_VpRadpS_f32	0.075000003		
k_MinKeRngLmt_VpRadpS_f32	0.0333000012		
k_NomLd_Henry_f32	0.000169999999		
k_NomLq_Henry_f32	0.00026999999		
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_VpRadp	S_f32	
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32	target_CurrParamComp_Init_EstLd_Henry_t	32	
target_Rte_Inst_Ap_CurrParamComp_CurrParamComp_Init_EstLq_Henry_f32 target_CurrParamComp_Init_EstLq_He		32	
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	0.00026999999	0.00026999999	~
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	0.059999987	0.059999987		
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		32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstR_Ohm_f32	target_CurrParamComp_Init_EstR_Ohm_f32	2		
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	target_Pim_EOLNomMtrParam			
Name	Actual Value	Expected Value	Result	
MtrEstKe_VpRadpS_M_f32[0]	0.059999987	0.0599999987	~	
MtrEstKe_VpRadpS_M_f32[1]	0.059999987	0.0599999987	~	
target_CurrParamComp_Init_EstKe_VpRadpS_f32.value	0.059999987	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	Resul	it
	none	0	*** No Call Expected ***	0	•	

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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	

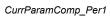
Module Properties

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= -Dinline= -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= -Dinline= -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\under 1\text{NCOmpiler Install Path\underline\text{NCOmpiler INSTALL PATH\underline\text{NCOMPILE

lame	Text
lodule 'CurrParamComp'	**************************************
	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
	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.
	NOTES. CBD_Sandbox_dbg.map map me is embedded for reference.

Attributes	
Name	Value
Compiler Install Path	<pre>\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5</pre>
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		
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 Case 1: Metrics Test

Specification

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

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_MaxRngLmt_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
_ · · ·	0.125650004
EstRFF_Ohm_M_f32 FastDataAccessBufIndex Cnt M u16	1
MtrEstKe_VpRadpS_M_f32[0]	0.075000003 0.075000003
MtrEstKe_VpRadpS_M_f32[1]	
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.075000003
k_MaxLdRngLmt_Henry_f32	0.000410000008
<_MaxLqRngLmt_Henry_f32	0.000410000008
<pre><_MaxRRngLmt_Ohm_f32</pre>	0.125650004
K_MinKeRngLmt_VpRadpS_f32	0.075000003
<pre><_MinLdRngLmt_Henry_f32</pre>	0.000410000008
<pre> «_MinLqRngLmt_Henry_f32</pre>	0.000410000008
<pre><_MinRRngLmt_Ohm_f32</pre>	0.125650004
<_NomLd_Henry_f32	0.000410000008
<pre><_NomLq_Henry_f32</pre>	0.000410000008
2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	32768
2 CurrParamLdSatSclFac Uls u2p14[3][3]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[3][5]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[3][6]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	32768
z_CurrParamLdSatScIPac_0is_uzp14[4][0] 2_CurrParamLdSatScIPac_Uls_u2p14[4][1]	32768
2_CurrParamLdSatScIFac_0is_uzp14[4][1] 2 CurrParamLdSatScIFac Uls u2p14[4][2]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[4][3]	32768 32768
2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	
2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[4][6]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	32768

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Name	Input Value
t2_CurrParamLdSatSclFac_Uls_u2p14[5][3]	32768
t2_CurrParamLdSatScIFac_UIs_u2p14[5][4]	32768
t2_CurrParamLdSatSclFac_Uls_u2p14[5][5] t2_CurrParamLdSatSclFac_Uls_u2p14[5][6]	32768
t2_CurrParamLqSatSciFac_Uis_u2p14[9][0] t2_CurrParamLqSatSciFac_Uis_u2p14[0][0]	32768 32768
t2_CurrParamLqSatScIFac_UIs_u2p14[0][0] t2_CurrParamLqSatScIFac_UIs_u2p14[0][1]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[0][1]	32768
t2_CurrParamLqSatScIFac_Uls_u2p14[0][3]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[0][4]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[0][5]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[0][6]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[1][0]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[1][1]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[1][2]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[1][3]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[1][4]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[1][5]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[1][6]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[2][0]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[2][1]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[2][2]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[2][3]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[2][4]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[2][5]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[3][0]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[3][1]	32768 32768
t2_CurrParamLqSatSclFac_Uls_u2p14[3][2] t2_CurrParamLqSatSclFac_Uls_u2p14[3][3]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][4]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][5]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[3][6]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[4][0]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[4][1]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[4][2]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[4][3]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[4][4]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[4][5]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[4][6]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[5][0]	3277
t2_CurrParamLqSatSclFac_Uls_u2p14[5][1]	6554
t2_CurrParamLqSatSclFac_Uls_u2p14[5][2]	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[5][3]	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[5][4]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[5][5]	29491
t2_CurrParamLqSatSclFac_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 28160
t_CurrParamCompQaxRef_Amp_u9p7[0] 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
	28160 28160
t_KeSatTbIX_Amp_u9p7[10]	

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Name	Input Value		
t KeSatTblX Amp u9p7[14]	28160		
	28160		
t_KeSatTblX_Amp_u9p7[15]	32768		
t_KeSatTblY_Uls_u2p14[0]			
t_KeSatTblY_Uls_u2p14[1]	32768		
t_KeSatTbIY_UIs_u2p14[2]	32768		
t_KeSatTblY_Uls_u2p14[3]	32768		
t_KeSatTblY_Uls_u2p14[4]	32768		
t_KeSatTblY_Uls_u2p14[5]	32768		
t_KeSatTblY_Uls_u2p14[6]	32768		
t_KeSatTblY_Uls_u2p14[7]	32768		
t_KeSatTbIY_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_VpR	adpS_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Heni	ry_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Heni	ry_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 MtrCurrDax	Ref Amp f32	
tgt Rte Inst Ap CurrParamComp.CurrParamComp Per1 MtrCurrQaxRef Amp f3	tgt CurrParamComp Per1 MtrCurrQax	Ref Amp f32	
Name	Actual Value	Expected Value	Result

9C		: ····P_:	
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				V
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]	0.029999993
MtrEstKe_VpRadpS_M_f32[1]	0.030999995
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.029999993
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_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384

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Name	Input Value
t2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSclFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSclFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatScIFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[4][2] t2_CurrParamLdSatSclFac_Uls_u2p14[4][3]	4915 6554
t2_CurrParamLoSatSciFac_Uis_uzp14[4][3] t2_CurrParamLdSatSciFac_Uis_u2p14[4][4]	8192
t2_CurrParamLoSatSciFac_Uis_uzp14[4][4] t2_CurrParamLdSatSciFac_Uis_u2p14[4][5]	9830
t2_CurrParamLdSatSciFac_Uis_u2p14[4][6]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSclFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSclFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSclFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSclFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSclFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSclFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSclFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSclFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSclFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSclFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSclFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSclFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSclFac_Uls_u2p14[2][0]	24576 26214
t2_CurrParamLqSatScIFac_Uls_u2p14[2][1]	27853
t2_CurrParamLqSatSclFac_Uls_u2p14[2][2] t2_CurrParamLqSatSclFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSclFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSclFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSclFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSclFac_Uls_u2p14[3][1]	6554
t2 CurrParamLqSatSclFac Uls u2p14[3][2]	8192
t2 CurrParamLqSatSclFac Uls u2p14[3][3]	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSclFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSclFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSclFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSclFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSclFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSclFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSclFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSclFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSclFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSclFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSclFac_Uls_u2p14[5][5]	21299

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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_KeSatTbiX_Amp_u9p7[3]	5632		
t_KeSatTblX_Amp_u9p7[4]	7040		
t_KeSatTblX_Amp_u9p7[5]	8448		
t KeSatTbIX Amp u9p7[6]	9856		
t_KeSatTblX_Amp_u9p7[7]	11264		
t_KeSatTblX_Amp_u9p7[8]	12672		
t_KeSatTblX_Amp_u9p7[9]	14080		
	15360		
t_KeSatTblX_Amp_u9p7[10] t KeSatTblX Amp_u9p7[11]	16640		
	17920		
t_KeSatTblX_Amp_u9p7[12]			
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	S_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f3:	2	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f3:	2	
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_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3.			
Name	Actual Value	Expected Value	Resul
FastDataAccessBufIndex_Cnt_M_u16	0	0	- Count
MtrEstKe_VpRadpS_M_f32[0]	0.032999998	0.032999998	
MtrEstKe_VpRadpS_M_f32[1]	0.0309999995	0.0309999995	J
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0329999998	0.0329999998	
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000349999988	0.000349999988 ± 0.0000000009	· · · · · ·

Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	0	0	•
MtrEstKe_VpRadpS_M_f32[0]	0.032999998	0.032999998	✓
MtrEstKe_VpRadpS_M_f32[1]	0.030999995	0.030999995	•
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.032999998	0.032999998	✓
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.00034999988	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	~

CurrParamComp_Per1

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Test Case 2: Boundary Test

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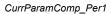
Specification

CurrParamComp_Per1

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
TS2.4 1907.00 Cycles
TS2.5 1860.00 Cycles
TS2.6 2030.00 Cycles
TS2.7 2018.00 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
TS2.13 1909.00 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
TS2.19 2101.00 Cycles
TS2.19 1943.00 Cycles
TS2.21 1973.00 Cycles
TS2.21 1973.00 Cycles
TS2.22 1994.00 Cycles
TS2.23 1967.00 Cycles
TS2.23 1967.00 Cycles
TS2.24 1942.00 Cycles
TS2.25 1939.00 Cycles
TS2.26 1939.00 Cycles
TS2.27 1973.00 Cycles
TS2.28 2028.00 Cycles
TS2.29 1929.00 Cycles
TS2.28 2028.00 Cycles
TS2.31 1950.00 Cycles
TS2.31 1950.00 Cycles
TS2.33 19970.00 Cycles
TS2.34 1979.00 Cycles
TS2.33 1980.00 Cycles
TS2.34 1979.00 Cycles
TS2.35 1939.00 Cycles
TS2.36 1991.00 Cycles
TS2.36 1991.00 Cycles
TS2.37 1979.00 Cycles
TS2.38 1979.00 Cycles
TS2.39 2053.00 Cycles
TS2.41 2056.00 Cycles
TS2.42 1997.00 Cycles
TS2.43 1999.00 Cycles
TS2.44 2069.00 Cycles
TS2.44 2069.00 Cycles
TS2.45 1948.00 Cycles
TS2.49 1974.00 Cycles
TS2.51 1999.00 Cycles
TS2.51 1999.00 Cycles
TS2.52 1981.00 Cycles
TS2.55 1999.00 Cycles
TS2.55 2062.00 Cycles
TS2.56 1999.00 Cycles
TS2.57 1955.00 Cycles
TS2.56 1999.00 Cycles
TS2.57 1955.00 Cycles
TS2.56 1999.00 Cycles
TS2.56 1999.00 Cycles
TS2.57 1955.00 Cycles
TS2.56 1999.00 Cycles
TS2.57 1955.00 Cycles
TS2.59 210





Description Vector Description:

TS2.1All min TS2.2All max TS2.2MITM2x 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_132 neg
TS2.13t_KeSatTblX_Amp_u9p7[16] min
TS2.14t_KeSatTblX_Amp_u9p7[16] max
TS2.15t_KeSatTblX_Amp_u9p7[16] pos
TS2.16t_KeSatTblY_UIs_u2p14[16] min
TS2.17t_KeSatTblY_UIs_u2p14[16] max
TS2.18t_KeSatTblY_UIs_u2p14[16] max
TS2.18t_KeSatTblY_UIs_u2p14[16] pos
TS2.19t_CurrParamCompDaxRef_Amp_u9p7[6] min
TS2.20t_CurrParamCompDaxRef_Amp_u9p7[6] max
TS2.21t_CurrParamCompDaxRef_Amp_u9p7[7] min
TS2.22t_CurrParamCompQaxRef_Amp_u9p7[7] min
TS2.23t_CurrParamCompQaxRef_Amp_u9p7[7] max
TS2.24t_CurrParamCompQaxRef_Amp_u9p7[7] pos
TS2.25t_StKeFF_VpRadpS_M_532 min TS2.12MtrCurrDaxRef_Amp_f32 neg TS2.24t_CurrParamCompQaxRef_Amp_t
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 min
TS2.34k_NomLd_Henry_f32 min
TS2.34k_NomLd_Henry_f32 min
TS2.35k_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 TS2.44K_MinRRngLmt_Ohm_f32 max
TS2.45k_MinRRngLmt_Ohm_f32 pos/Default
TS2.46k_MaxRRngLmt_Ohm_f32 pos/Default
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 max
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 TS2.61FastDataAccessBufIndex_Cnt_M_u16 min TS2.62FastDataAccessBufIndex_Cnt_M_u16 max

Test Step 2.1 (Repeat Count = 1)	✓
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0250000004
EstRFF_Ohm_M_f32	0.0049999989
FastDataAccessBufIndex_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	0.0049999989
k_MinKeRngLmt_VpRadpS_f32	0.0250000004
k_MinLdRngLmt_Henry_f32	2.99999992e-005
k_MinLqRngLmt_Henry_f32	2.99999992e-005
k_MinRRngLmt_Ohm_f32	0.0049999989
k_NomLd_Henry_f32	2.99999992e-005
k_NomLq_Henry_f32	2.99999992e-005
t2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	0
t2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	0
t2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	0
t2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	0
t2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	0

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News	Innuit Value
Name	Input Value
t2_CurrParamLdSatSclFac_Uls_u2p14[0][5] t2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	0
t2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	0
t2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	0
t2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	0
t2 CurrParamLdSatSclFac Uls u2p14[1][3]	0
t2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	0
t2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	0
t2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	0
t2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	0
t2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	0
t2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	0
t2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	0
t2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	0
t2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	0
t2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	0
t2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	0
t2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	0
t2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	0
t2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	0
t2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	0
t2_CurrParamLdSatScIFac_Uls_u2p14[3][5]	0
t2_CurrParamLdSatSclFac_Uls_u2p14[3][6] t2_CurrParamLdSatSclFac_Uls_u2p14[4][0]	0
t2_CurrParamLdSatScIFac_Uis_uzp14[4][0] t2 CurrParamLdSatScIFac Uls u2p14[4][1]	0
t2_CurrParamLdSatSclFac_Uls_u2p14[4][2]	0
t2_CurrParamLdSatScIFac_Uls_u2p14[4][3]	0
t2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	0
t2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	0
t2_CurrParamLdSatSclFac_Uls_u2p14[4][6]	0
t2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	0
t2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	0
t2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	0
t2_CurrParamLdSatSclFac_Uls_u2p14[5][3]	0
t2_CurrParamLdSatSclFac_Uls_u2p14[5][4]	0
t2_CurrParamLdSatSclFac_Uls_u2p14[5][5]	0
t2_CurrParamLdSatSclFac_Uls_u2p14[5][6]	0
t2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	0
t2_CurrParamLqSatSclFac_Uls_u2p14[0][1]	0
t2_CurrParamLqSatSclFac_Uls_u2p14[0][2]	0
t2_CurrParamLqSatSclFac_Uls_u2p14[0][3]	0
t2_CurrParamLqSatSclFac_Uls_u2p14[0][4]	0
t2_CurrParamLqSatSclFac_Uls_u2p14[0][5]	0
t2_CurrParamLqSatSclFac_Uls_u2p14[0][6]	•
t2_CurrParamLqSatSclFac_Uls_u2p14[1][0] t2_CurrParamLqSatSclFac_Uls_u2p14[1][1]	0
t2 CurrParamLqSatSclFac Uls u2p14[1][2]	0
t2_CurrParamLqSatSclFac_Uls_u2p14[1][3]	0
t2_CurrParamLqSatScIFac_Uls_u2p14[1][4]	0
t2 CurrParamLqSatSclFac Uls u2p14[1][5]	0
t2_CurrParamLqSatSclFac_Uls_u2p14[1][6]	0
t2_CurrParamLqSatSclFac_Uls_u2p14[2][0]	0
t2_CurrParamLqSatSclFac_Uls_u2p14[2][1]	0
t2_CurrParamLqSatSclFac_Uls_u2p14[2][2]	0
t2_CurrParamLqSatSclFac_Uls_u2p14[2][3]	0
t2_CurrParamLqSatSclFac_Uls_u2p14[2][4]	0
t2_CurrParamLqSatSclFac_Uls_u2p14[2][5]	0
t2_CurrParamLqSatSclFac_Uls_u2p14[2][6]	0
t2_CurrParamLqSatSclFac_Uls_u2p14[3][0]	0
t2_CurrParamLqSatSclFac_Uls_u2p14[3][1]	0
t2_CurrParamLqSatSclFac_Uls_u2p14[3][2]	0
t2_CurrParamLqSatSclFac_Uls_u2p14[3][3]	0
t2_CurrParamLqSatSclFac_Uls_u2p14[3][4]	0
t2_CurrParamLqSatSclFac_Uls_u2p14[3][5]	0
t2_CurrParamLqSatSclFac_Uls_u2p14[3][6]	0
t2_CurrParamLqSatSclFac_Uls_u2p14[4][0]	0
t2_CurrParamLqSatSclFac_Uls_u2p14[4][1]	0
t2_CurrParamLqSatSclFac_Uls_u2p14[4][2]	0
t2_CurrParamLqSatSclFac_Uls_u2p14[4][3]	0
t2_CurrParamLqSatSclFac_Uls_u2p14[4][4] t2_CurrParamLqSatSclFac_Uls_u2p14[4][5]	0
t2_CurrParamLqSatSciFac_Uis_u2p14[4][6]	0
t2_CurrParamLqSatSciFac_Uis_u2p14[5][0]	0
a_os significacion do_oso_uzp14[o][o]	I*

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Name	Input Value		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][1]	0		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][2]	0		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][3]	0		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][4]	0		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][5]	0		
t2_CurrParamLqSatSclFac_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_VpRadp	_	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_fractions and the property of the propert$			
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_fractions and the property of the propert$	3: tgt_CurrParamComp_Per1_MtrCurrQaxRef	_Amp_f32	
Name	Actual Value	Expected Value	Resul
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 ± 0.000000	00009
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	2.9999992e-005	2.99999992e-005 ± 0.0625	•

<u> </u>		·-·	
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	2.9999992e-005 ± 0.00000000009	~
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	2.9999992e-005	2.9999992e-005 ± 0.0625	~
tot CurrParamComp Per1 EstR Ohm f32 value	0.0049999999	0.0049999999	_



Test Step Call Trace				V
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
/trEstKe_VpRadpS_M_f32[0]	0.075000003
MtrEstKe_VpRadpS_M_f32[1]	0.075000003
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
<pre><_MaxKeRngLmt_VpRadpS_f32</pre>	0.075000003
c_MaxLdRngLmt_Henry_f32	0.000410000008
<pre><_MaxLqRngLmt_Henry_f32</pre>	0.000410000008
	0.125650004
<pre>C_MinKeRngLmt_VpRadpS_f32</pre>	0.075000003
<pre>c_MinLdRngLmt_Henry_f32</pre>	0.000410000008
c_MinLqRngLmt_Henry_f32	0.000410000008
 <_MinRRngLmt_Ohm_f32	0.125650004
 <_NomLd_Henry_f32	0.000410000008
	0.000410000008
2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	32768
2_CurrParamLdSatSciFac_Uls_u2p14[0][1]	32768
2_CurrParamLdSatScIPac_Uis_u2p14[0][2] 2_CurrParamLdSatScIFac_Uis_u2p14[0][3]	32768
2 CurrParamLdSatScIFac Uls u2p14[0][3]	32768
	32768
2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	
2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[3][5]	32768
2 CurrParamLdSatScIFac Uls u2p14[3][6]	32768
z_currParamLdSatScIPac_Uis_uzp14[3][0] 2_CurrParamLdSatScIPac_Uls_u2p14[4][0]	32768
2_CurrParamLdSatSciFac_Ois_uzp14[4][0] 2 CurrParamLdSatSciFac_Uls_u2p14[4][1]	
	32768
2_CurrParamLdSatSclFac_Uls_u2p14[4][2]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[4][3]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[4][6]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[5][3]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[5][4]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[5][5]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[5][6]	32768
2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	32768
2_CurrParamLqSatSclFac_Uls_u2p14[0][1]	32768
2_CurrParamLqSatSclFac_Uls_u2p14[0][2]	32768

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Name	Input Value
t2_CurrParamLqSatSclFac_Uls_u2p14[0][3]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[0][4]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[0][5]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[0][6]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[1][0]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[1][1]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[1][2]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[1][3]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[1][4]	32768 32768
t2_CurrParamLqSatSclFac_Uls_u2p14[1][5] t2_CurrParamLqSatSclFac_Uls_u2p14[1][6]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[1][0]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[2][1]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[2][2]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[2][3]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[2][4]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[2][5]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[3][0]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[3][1]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[3][2]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[3][3]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[3][4]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[3][5]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[3][6]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[4][0]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[4][1]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[4][2]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[4][3]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[4][4]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[4][5]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[4][6]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[5][0]	3277 6554
t2_CurrParamLqSatSclFac_Uls_u2p14[5][1] t2_CurrParamLqSatSclFac_Uls_u2p14[5][2]	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[5][3]	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[5][4]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[5][5]	29491
t2 CurrParamLqSatSclFac 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 28160
t_KeSatTblX_Amp_u9p7[7] 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_KeSatTbIX_Amp_u9p7[12]	28160
t_KeSatTblX_Amp_u9p7[13]	28160
t_KeSatTbIX_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
	32768 32768

CurrParamComp_Per1

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Input Value
32768
32768
32768
32768
32768
32768
32768
32768
32768
32768
32768
220
220
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32
tgt_CurrParamComp_Per1_EstLd_Henry_f32
tgt_CurrParamComp_Per1_EstLq_Henry_f32
tgt_CurrParamComp_Per1_EstR_Ohm_f32
3: tgt CurrParamComp Per1 MtrCurrDaxRef Amp f32

tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxF	Ref_Amp_f3: tgt_CurrParamComp_Per1_Mt	rCurrQaxRef_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	0.030999995
k_MaxLdRngLmt_Henry_f32	5.9999985e-005
k_MaxLqRngLmt_Henry_f32	3.999999e-005
k_MaxRRngLmt_Ohm_f32	0.00600000005
k_MinKeRngLmt_VpRadpS_f32	0.0710000023
k_MinLdRngLmt_Henry_f32	3.999999e-005
k_MinLqRngLmt_Henry_f32	9.9999975e-005
k_MinRRngLmt_Ohm_f32	0.00899999961
k_NomLd_Henry_f32	3.999999e-005
k_NomLq_Henry_f32	9.9999975e-005
t2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853

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Name	Input Value
t2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSclFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSclFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[4][3] t2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	6554 8192
t2_CurrParamLdSatSclFac_Uis_u2p14[4][4]	9830
t2_CurrParamLdSatSclFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSclFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSclFac_Uls_u2p14[5][4]	19661
t2 CurrParamLdSatSclFac Uls u2p14[5][5]	21299
t2_CurrParamLdSatSclFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSclFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSclFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSclFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSclFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSclFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSclFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSclFac_Uls_u2p14[1][5] t2_CurrParamLqSatSclFac_Uls_u2p14[1][6]	21299 22938
t2_CurrParamLqSatSclFac_Uls_u2p14[1][0]	24576
t2_CurrParamLqSatSclFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSclFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSclFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSclFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSclFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSclFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSclFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSclFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSclFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSclFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSclFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSclFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSclFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSclFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSclFac_Uls_u2p14[4][6] t2_CurrParamLqSatSclFac_Uls_u2p14[5][0]	11469 13107
tz_CurrParamLqSatSciFac_Uis_uzp14[5][0] t2_CurrParamLqSatSciFac_Uis_u2p14[5][1]	14746
tz_CurrParamLqSatSciFac_Uis_u2p14[5][1] t2_CurrParamLqSatSciFac_Uis_u2p14[5][2]	16384
t2_CurrParamLqSatSclFac_Uls_u2p14[5][3]	18022 19661
t2_CurrParamLqSatSclFac_Uls_u2p14[5][3] t2_CurrParamLqSatSclFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSclFac_Uls_u2p14[5][3] t2_CurrParamLqSatSclFac_Uls_u2p14[5][4] t2_CurrParamLqSatSclFac_Uls_u2p14[5][5]	19661 21299
t2_CurrParamLqSatSclFac_Uls_u2p14[5][3] t2_CurrParamLqSatSclFac_Uls_u2p14[5][4] t2_CurrParamLqSatSclFac_Uls_u2p14[5][5] t2_CurrParamLqSatSclFac_Uls_u2p14[5][6]	19661 21299 22938
t2_CurrParamLqSatSclFac_Uls_u2p14[5][3] t2_CurrParamLqSatSclFac_Uls_u2p14[5][4] t2_CurrParamLqSatSclFac_Uls_u2p14[5][5] t2_CurrParamLqSatSclFac_Uls_u2p14[5][6] t_CurrParamCompDaxRef_Amp_u9p7[0]	19661 21299 22938 1280
t2_CurrParamLqSatSclFac_Uls_u2p14[5][3] t2_CurrParamLqSatSclFac_Uls_u2p14[5][4] t2_CurrParamLqSatSclFac_Uls_u2p14[5][5] t2_CurrParamLqSatSclFac_Uls_u2p14[5][6] t_CurrParamCompDaxRef_Amp_u9p7[0]	19661 21299 22938
t2_CurrParamLqSatScIFac_UIs_u2p14[5][3] t2_CurrParamLqSatScIFac_UIs_u2p14[5][4] t2_CurrParamLqSatScIFac_UIs_u2p14[5][5] t2_CurrParamLqSatScIFac_UIs_u2p14[5][6] t_CurrParamCompDaxRef_Amp_u9p7[0] t_CurrParamCompDaxRef_Amp_u9p7[1]	19661 21299 22938 1280 2560
t2_CurrParamLqSatScIFac_UIs_u2p14[5][3] t2_CurrParamLqSatScIFac_UIs_u2p14[5][4] t2_CurrParamLqSatScIFac_UIs_u2p14[5][5] t2_CurrParamLqSatScIFac_UIs_u2p14[5][6] t_CurrParamCompDaxRef_Amp_u9p7[0] t_CurrParamCompDaxRef_Amp_u9p7[1] t_CurrParamCompDaxRef_Amp_u9p7[2]	19661 21299 22938 1280 2560 3840

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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
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3222222222222222222222222222222222222$	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3$	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32
Nama	Actual Value Expected Value Beauti

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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	3.999999e-005	3.999999e-005 ± 0.00000000009	~
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	3.999999e-005	3.999999e-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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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	4.9999987e-005
k_MaxRRngLmt_Ohm_f32	0.00700000022
k_MinKeRngLmt_VpRadpS_f32	0.071999969
k MinLdRngLmt Henry f32	4.9999987e-005
k_MinLqRngLmt_Henry_f32	0.000110000001
	0.0099999978
k_MinRRngLmt_Ohm_f32	
k_NomLd_Henry_f32	4.9999987e-005
k_NomLq_Henry_f32	0.000110000001
t2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSciFac_Uls_u2p14[1][6]	19661
t2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSclFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSclFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatSclFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSclFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatScIFac_UIs_u2p14[5][4]	19661
t2_CurrParamLdSatScIFac_UIs_u2p14[5][5]	21299
t2_CurrParamLdSatSclFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSclFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSclFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSclFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSclFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSclFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSclFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSclFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSclFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSclFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSclFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSclFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSclFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSclFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSclFac_Uls_u2p14[2][5]	31949

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Name	Input Value
t2_CurrParamLqSatSclFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSclFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSclFac_Uls_u2p14[3][2]	8192
l2_CurrParamLqSatSclFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[3][5]	29491
l2_CurrParamLqSatSclFac_Uls_u2p14[3][6]	31130
l2_CurrParamLqSatSclFac_Uls_u2p14[4][0]	1638
l2_CurrParamLqSatSclFac_Uls_u2p14[4][1]	3277
l2_CurrParamLqSatSclFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSclFac_Uls_u2p14[4][3]	6554
l2_CurrParamLqSatSclFac_Uls_u2p14[4][4]	8192
2_CurrParamLqSatSclFac_Uls_u2p14[4][5]	9830
2_CurrParamLqSatSclFac_Uls_u2p14[4][6]	11469
2_CurrParamLqSatSclFac_Uls_u2p14[5][0]	13107
2_CurrParamLqSatSclFac_Uls_u2p14[5][1]	14746
2_CurrParamLqSatSclFac_Uls_u2p14[5][2]	16384
2_CurrParamLqSatSclFac_Uls_u2p14[5][3]	18022
2_CurrParamLqSatSclFac_Uls_u2p14[5][4]	19661
2_CurrParamLqSatSclFac_Uls_u2p14[5][5]	21299
2_CurrParamLqSatSclFac_Uls_u2p14[5][6]	22938
_CurrParamCompDaxRef_Amp_u9p7[0]	1408
_CurrParamCompDaxRef_Amp_u9p7[1]	2816
_CurrParamCompDaxRef_Amp_u9p7[2]	4224
_CurrParamCompDaxRef_Amp_u9p7[3]	7040
_CurrParamCompDaxRef_Amp_u9p7[4] CurrParamCompDaxRef Amp_u9p7[5]	7040 8448
	16640
_CurrParamCompQaxRef_Amp_u9p7[0]	
_CurrParamCompQaxRef_Amp_u9p7[1]	17920 19200
_CurrParamCompQaxRef_Amp_u9p7[2]	20480
_CurrParamCompQaxRef_Amp_u9p7[3]	21760
_CurrParamCompQaxRef_Amp_u9p7[4]	23040
:_CurrParamCompQaxRef_Amp_u9p7[5] :_CurrParamCompQaxRef_Amp_u9p7[6]	25600
	1408
:_KeSatTblX_Amp_u9p7[0] :_KeSatTblX_Amp_u9p7[1]	2816
t_KeSatTbiX_Amp_u9p7[2]	4224
: KeSatTblX Amp u9p7[3]	5632
:_KeSatTblX_Amp_u9p7[4]	7040
:_KeSatTblX_Amp_u9p7[5]	8448
:_KeSatTblX_Amp_u9p7[6]	9856
:_KeSatTblX_Amp_u9p7[7]	11264
KeSatTbiX Amp u9p7[8]	12672
_KeSatTbiX_Amp_u9p7[9]	14080
KeSatTblX Amp u9p7[10]	15360
_KeSatTblX_Amp_u9p7[11]	16640
KeSatTblX Amp u9p7[12]	17920
_KeSatTbiX_Amp_u9p7[12] _KeSatTbiX_Amp_u9p7[13]	19200
_KeSatTblX_Amp_u9p7[13] _KeSatTblX_Amp_u9p7[14]	20480
KeSatTblX_Amp_u9p7[14]	21760
_KeSatTbiY_Uis_u2p14[0]	2130
_KeSatTbiY_Uis_u2p14[0] _KeSatTbiY_Uis_u2p14[1]	2294
KeSatTbIY_UIs_u2p14[1] KeSatTbIY_UIs_u2p14[2]	2458
_keSatTbtY_Uis_u2p14[2] _keSatTblY_Uis_u2p14[3]	1966
_keSatTbtY_Uis_u2p14[3] _keSatTblY_Uis_u2p14[4]	2785
KeSatTbtY_Uis_u2p14[4] KeSatTblY_Uis_u2p14[5]	2949
_KeSatTbtY_Uis_u2p14[5] _KeSatTblY_Uis_u2p14[6]	3113
	3277
_KeSatTbIY_Uls_u2p14[7] _KeSatTbIY_Uls_u2p14[8]	2621
_KeSatTbtY_Uls_u2p14[0] _KeSatTblY_Uls_u2p14[9]	3441
	1802
	3604
_KeSatTbIY_Uls_u2p14[11] _KeSatTbIY_Uls_u2p14[12]	3768
	3932
_KeSatTbiY_Uis_u2p14[13] _KeSatTbiY_Uis_u2p14[14]	4096
	4260
KeSat1btr_Ois_uzp14[15] gt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	11.2539997
gt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value gt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	220
	tot CurrParamComp Per1 EstKe VnPadnS f32
gt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32
	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32 tgt_CurrParamComp_Per1_EstLd_Henry_f32 tgt_CurrParamComp_Per1_EstLq_Henry_f32

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Name	Input Value		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_t	3: tgt_CurrParamComp_Per1_MtrCurrDaxRef_	_Ampf32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_	3: 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	4.9999987e-005	4.9999987e-005 ± 0.00000000009	~
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	4.9999987e-005	4.9999987e-005 ± 0.0625	•
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.00700000022	0.00700000022	~

Test Step Call Trace				V
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	~

Name	Input Value
EstKeFF VpRadpS M f32	0.0280000009
EstRFF_Ohm_M_f32	0.00866552256
FastDataAccessBufIndex_Cnt_M_u16	0
AtrEstKe VpRadpS M f32[0]	0.029999993
MtrEstKe_VpRadpS_M_f32[1]	0.0309999995
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
:_MaxKeRngLmt_VpRadpS_f32	0.0329999998
:_MaxLdRngLmt_Henry_f32	7.999998e-005
	5.9999985e-005
:_MaxLqRngLmt_Henry_f32	0.00800000038
_MaxRRngLmt_Ohm_f32	
MinkeRngLmt_VpRadpS_f32	0.0729999989
_MinLdRngLmt_Henry_f32	5.9999985e-005
_MinLqRngLmt_Henry_f32	0.000119999997
_MinRRngLmt_Ohm_f32	0.010999999
C_NomLd_Henry_f32	5.9999985e-005
C_NomLq_Henry_f32	0.000119999997
2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830
2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384
2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022
2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661
2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299
2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938
2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576
2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214
2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853
2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491
2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949
2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[3][5]	29491
2_CurrParamLdSatSclFac_Uls_u2p14[3][6]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[4][0]	1638
2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[4][2]	4915
2_CurrParamLdSatSclFac_Uls_u2p14[4][3]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830

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Input Value t2 CurrParamLdSatSclFac Uls u2p14[4][6] 11469 13107 t2_CurrParamLdSatSclFac_Uls_u2p14[5][0] t2 CurrParamLdSatSclFac Uls u2p14[5][1] 14746 t2_CurrParamLdSatSclFac_Uls_u2p14[5][2] 16384 t2 CurrParamLdSatSclFac Uls u2p14[5][3] 18022 t2_CurrParamLdSatSclFac_Uls_u2p14[5][4] 19661 t2 CurrParamLdSatSclFac Uls u2p14[5][5] 21299 t2_CurrParamLdSatSclFac_Uls_u2p14[5][6] 22938 t2_CurrParamLqSatSclFac_Uls_u2p14[0][0] 1638 $t2_CurrParamLqSatSclFac_Uls_u2p14[0][1]$ 3277 t2_CurrParamLqSatSclFac_Uls_u2p14[0][2] 4915 $t2_CurrParamLqSatSclFac_Uls_u2p14[0][3]$ 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[0][4] 8192 t2_CurrParamLqSatSclFac_Uls_u2p14[0][5] 9830 t2_CurrParamLqSatSclFac_Uls_u2p14[0][6] 11469 t2 CurrParamLqSatSclFac Uls u2p14[1][0] 13107 t2_CurrParamLqSatSclFac_Uls_u2p14[1][1] 14746 16384 t2 CurrParamLqSatSclFac Uls u2p14[1][2] t2_CurrParamLqSatSclFac_Uls_u2p14[1][3] 18022 t2_CurrParamLqSatSclFac_Uls_u2p14[1][4] 19661 t2_CurrParamLqSatSclFac_Uls_u2p14[1][5] 21299 t2_CurrParamLqSatSclFac_Uls_u2p14[1][6] 22938 t2_CurrParamLqSatSclFac_Uls_u2p14[2][0] 24576 t2_CurrParamLqSatSclFac_Uls_u2p14[2][1] 26214 t2_CurrParamLqSatSclFac_Uls_u2p14[2][2] 27853 t2_CurrParamLqSatSclFac_Uls_u2p14[2][3] 29491 t2 CurrParamLqSatSclFac Uls u2p14[2][4] 31130 t2_CurrParamLqSatSclFac_Uls_u2p14[2][5] 31949 t2 CurrParamLqSatSclFac Uls u2p14[2][6] 32768 t2_CurrParamLqSatSclFac_Uls_u2p14[3][0] 3277 t2 CurrParamLqSatSclFac Uls u2p14[3][1] 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[3][2] 8192 t2 CurrParamLqSatSclFac Uls u2p14[3][3] 11469 t2_CurrParamLqSatSclFac_Uls_u2p14[3][4] 14746 t2_CurrParamLqSatSclFac_Uls_u2p14[3][5] 29491 31130 t2_CurrParamLqSatSclFac_Uls_u2p14[3][6] t2_CurrParamLqSatSclFac_Uls_u2p14[4][0] 1638 t2_CurrParamLqSatSclFac_Uls_u2p14[4][1] 3277 t2_CurrParamLqSatSclFac_Uls_u2p14[4][2] 4915 t2_CurrParamLqSatSclFac_Uls_u2p14[4][3] 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[4][4] 8192 t2 CurrParamLqSatSclFac_Uls_u2p14[4][5] 9830 t2_CurrParamLqSatSclFac_Uls_u2p14[4][6] 11469 t2_CurrParamLqSatSclFac_Uls_u2p14[5][0] 13107 $t2_CurrParamLqSatSclFac_Uls_u2p14[5][1]$ 14746 t2_CurrParamLqSatSclFac_Uls_u2p14[5][2] 16384 t2 CurrParamLqSatSclFac Uls u2p14[5][3] 18022 t2_CurrParamLqSatSclFac_Uls_u2p14[5][4] 19661 t2 CurrParamLqSatSclFac Uls u2p14[5][5] 21299 t2_CurrParamLqSatSclFac_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 16000 t CurrParamCompQaxRef Amp u9p7[5] t_CurrParamCompQaxRef_Amp_u9p7[6] 17280 640 t_KeSatTblX_Amp_u9p7[0] 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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Name	Input Value
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	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
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3322222222222222222222222222222222222$	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3:$	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32

<u> </u>		·-	
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	1	1	~
MtrEstKe_VpRadpS_M_f32[0]	0.029999993	0.029999993	~
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	5.9999985e-005	5.9999985e-005 ± 0.00000000009	~
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000119999997	0.000119999997 ± 0.0625	~
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.00800000038	0.00800000038	~

Test Step Call Trace				V
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	9.0000014e-005
k_MaxLqRngLmt_Henry_f32	7.0000019e-005
k_MaxRRngLmt_Ohm_f32	0.00899999961
k_MinKeRngLmt_VpRadpS_f32	0.074000001
k_MinLdRngLmt_Henry_f32	7.0000019e-005
k_MinLqRngLmt_Henry_f32	0.00013
k_MinRRngLmt_Ohm_f32	0.0120000001
k_NomLd_Henry_f32	7.0000019e-005
k_NomLq_Henry_f32	0.00013
t2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830

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CurrParamComp Per1 Input Value t2 CurrParamLdSatSclFac Uls u2p14[0][6] 11469 13107 t2_CurrParamLdSatSclFac_Uls_u2p14[1][0] t2 CurrParamLdSatSclFac Uls_u2p14[1][1] 14746 t2_CurrParamLdSatSclFac_Uls_u2p14[1][2] 16384 t2 CurrParamLdSatSclFac Uls u2p14[1][3] 18022 t2_CurrParamLdSatSclFac_Uls_u2p14[1][4] 19661 t2 CurrParamLdSatSclFac Uls u2p14[1][5] 21299 t2_CurrParamLdSatSclFac_Uls_u2p14[1][6] 22938 t2_CurrParamLdSatSclFac_Uls_u2p14[2][0] 24576 $t2_CurrParamLdSatSclFac_Uls_u2p14[2][1]$ 26214 t2_CurrParamLdSatSclFac_Uls_u2p14[2][2] 27853 t2_CurrParamLdSatSclFac_Uls_u2p14[2][3] 29491 t2_CurrParamLdSatSclFac_Uls_u2p14[2][4] 31130 t2_CurrParamLdSatSclFac_Uls_u2p14[2][5] 31949 t2_CurrParamLdSatSclFac_Uls_u2p14[2][6] 32768 3277 t2 CurrParamLdSatSclFac Uls u2p14[3][0] t2_CurrParamLdSatSclFac_Uls_u2p14[3][1] 6554 t2_CurrParamLdSatSclFac_Uls_u2p14[3][2] 8192 t2_CurrParamLdSatSclFac_Uls_u2p14[3][3] 11469 t2_CurrParamLdSatSclFac_Uls_u2p14[3][4] 14746 t2_CurrParamLdSatSclFac_Uls_u2p14[3][5] 29491 t2_CurrParamLdSatSclFac_Uls_u2p14[3][6] 31130 t2_CurrParamLdSatSclFac_Uls_u2p14[4][0] 1638 t2_CurrParamLdSatSclFac_Uls_u2p14[4][1] 3277 t2_CurrParamLdSatSclFac_Uls_u2p14[4][2] 4915 t2_CurrParamLdSatSclFac_Uls_u2p14[4][3] 6554 t2_CurrParamLdSatSclFac_Uls_u2p14[4][4] 8192 t2_CurrParamLdSatSclFac_Uls_u2p14[4][5] 9830 t2 CurrParamLdSatSclFac Uls u2p14[4][6] 11469 t2_CurrParamLdSatSclFac_Uls_u2p14[5][0] 13107 t2 CurrParamLdSatSclFac Uls u2p14[5][1] 14746 t2_CurrParamLdSatSclFac_Uls_u2p14[5][2] 16384 t2 CurrParamLdSatSclFac Uls u2p14[5][3] 18022 t2_CurrParamLdSatSclFac_Uls_u2p14[5][4] 19661 t2_CurrParamLdSatSclFac_Uls_u2p14[5][5] 21299 22938 t2_CurrParamLdSatSclFac_Uls_u2p14[5][6] t2_CurrParamLqSatSclFac_Uls_u2p14[0][0] 1638 t2_CurrParamLqSatSclFac_Uls_u2p14[0][1] 3277 t2_CurrParamLqSatSclFac_Uls_u2p14[0][2] 4915 t2 CurrParamLqSatSclFac_Uls_u2p14[0][3] 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[0][4] 8192 t2 CurrParamLqSatSclFac_Uls_u2p14[0][5] 9830 t2_CurrParamLqSatSclFac_Uls_u2p14[0][6] 11469 t2_CurrParamLqSatSclFac_Uls_u2p14[1][0] 13107 $t2_CurrParamLqSatSclFac_Uls_u2p14[1][1]$ 14746 t2_CurrParamLqSatSclFac_Uls_u2p14[1][2] 16384 t2 CurrParamLqSatSclFac Uls u2p14[1][3] 18022

19661

21299

22938

24576

26214

27853

29491

31130

31949

32768

3277

6554

8192

11469 14746

29491

31130

1638 3277

4915

6554

8192

9830

11469

13107

14746

t2_CurrParamLqSatSclFac_Uls_u2p14[1][4]

t2 CurrParamLqSatSclFac Uls u2p14[1][5]

t2_CurrParamLqSatSclFac_Uls_u2p14[1][6]

t2 CurrParamLqSatSclFac Uls u2p14[2][0]

t2_CurrParamLqSatSclFac_Uls_u2p14[2][1]

t2 CurrParamLqSatSclFac Uls u2p14[2][2]

t2_CurrParamLqSatSclFac_Uls_u2p14[2][3]

t2_CurrParamLqSatSclFac_Uls_u2p14[2][4]

t2_CurrParamLqSatSclFac_Uls_u2p14[2][5]

t2_CurrParamLqSatSclFac_Uls_u2p14[2][6]

t2_CurrParamLqSatSclFac_Uls_u2p14[3][0]

t2_CurrParamLqSatSclFac_Uls_u2p14[3][1]

t2_CurrParamLqSatSclFac_Uls_u2p14[3][2]

t2_CurrParamLqSatSclFac_Uls_u2p14[3][3]

t2_CurrParamLqSatSclFac_Uls_u2p14[3][4] t2_CurrParamLqSatSclFac_Uls_u2p14[3][5]

t2_CurrParamLqSatSclFac_Uls_u2p14[3][6]

t2_CurrParamLqSatSclFac_Uls_u2p14[4][0]

t2_CurrParamLqSatSclFac_Uls_u2p14[4][1] t2_CurrParamLqSatSclFac_Uls_u2p14[4][2]

t2 CurrParamLqSatSclFac Uls u2p14[4][3]

t2_CurrParamLqSatSclFac_Uls_u2p14[4][4]

t2_CurrParamLqSatSclFac_Uls_u2p14[4][5]

t2_CurrParamLqSatSclFac_Uls_u2p14[4][6]

t2_CurrParamLqSatSclFac_Uls_u2p14[5][0]

 $t2_CurrParamLqSatSclFac_Uls_u2p14[5][1]$

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Curr aramcomp_r err			10010
Name	Input Value		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][2]	16384		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][3]	18022		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][4]	19661		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][5]	21299		
t2_CurrParamLqSatSclFac_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 5120		
t_CurrParamCompQaxRef_Amp_u9p7[3]	6400		
t_CurrParamCompQaxRef_Amp_u9p7[4] 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_KeSatTbiX_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 1638		
t_KeSatTbIY_Uls_u2p14[10] t KeSatTbIY_Uls_u2p14[11]	8192		
	9830		
t_KeSatTbIY_Uls_u2p14[12] t_KeSatTbIY_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	S f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f3:	_	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f3:		
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	1	Amp_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3:			
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	7.0000019e-005	7.0000019e-005 ± 0.0000000009	-
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	7.0000019e-005	7.00000019e-005 ± 0.0625	•

0.00899999961

0.00899999961

 $tgt_CurrParamComp_Per1_EstR_Ohm_f32.value$





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)	Innut Value	
Name	Input Value	
EstKeFF_VpRadpS_M_f32	0.029999993	
EstRFF_Ohm_M_f32	0.0123123396	
FastDataAccessBufIndex_Cnt_M_u16	· ·	
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	3.999999e-005	
k_MaxLqRngLmt_Henry_f32	7.999998e-005	
k_MaxRRngLmt_Ohm_f32	0.0099999978	
k_MinKeRngLmt_VpRadpS_f32	0.0540000014	
k_MinLdRngLmt_Henry_f32	7.999998e-005	
k_MinLqRngLmt_Henry_f32	0.000140000004	
k_MinRRngLmt_Ohm_f32	0.0130000003	
k_NomLd_Henry_f32	7.999998e-005	
k_NomLq_Henry_f32	0.000140000004	
t2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638	
t2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277	
t2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915	
t2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554	
t2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192	
t2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830	
t2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469	
t2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107	
t2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746	
t2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384	
t2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022	
t2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661	
t2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299	
t2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938	
t2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576	
t2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214	
t2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853	
t2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491	
t2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130	
t2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949	
t2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768	
t2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	3277	
t2 CurrParamLdSatSclFac Uls u2p14[3][1]	6554	
t2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	8192	
t2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	11469	
t2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	14746	
t2 CurrParamLdSatSclFac Uls u2p14[3][5]	29491	
t2_CurrParamLdSatScIFac_Uls_u2p14[3][6]	31130	
t2_CurrParamLdSatScIFac_Uls_u2p14[3][0]	1638	
t2_CurrParamLdSatSciFac_0is_u2p14[4][0] t2_CurrParamLdSatSciFac_Uls_u2p14[4][1]	3277	
tz_CurrParamLdSatSctFac_0is_uzp14[4][1] t2_CurrParamLdSatSctFac_Uls_u2p14[4][2]	4915	
t2_CurrParamLdSatSciFac_0is_u2p14[4][2] t2_CurrParamLdSatSciFac_Uls_u2p14[4][3]	6554	
	8192	
t2_CurrParamLdSatScIFac_Uls_u2p14[4][4]		
t2_CurrParamLdSatScIFac_Uls_u2p14[4][5]	9830	
t2_CurrParamLdSatSclFac_Uls_u2p14[4][6]	11469	
t2_CurrParamLdSatScIFac_Uls_u2p14[5][0]	13107	
t2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	14746	
t2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	16384	
t2_CurrParamLdSatSclFac_Uls_u2p14[5][3]	18022	
t2_CurrParamLdSatSclFac_Uls_u2p14[5][4]	19661	
t2_CurrParamLdSatSclFac_Uls_u2p14[5][5]	21299	
t2_CurrParamLdSatSclFac_Uls_u2p14[5][6]	22938	
t2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	1638	
t2_CurrParamLqSatSclFac_Uls_u2p14[0][1]	3277	
t2_CurrParamLqSatSclFac_Uls_u2p14[0][2]	4915	

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Curraramcomp_rerr	(MACI)
Name	Input Value
t2_CurrParamLqSatSclFac_Uls_u2p14[0][3]	6554
2_CurrParamLqSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSclFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSclFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSclFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSclFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSclFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSclFac_Uls_u2p14[1][6]	22938
	24576
t2_CurrParamLqSatSclFac_Uls_u2p14[2][0]	
t2_CurrParamLqSatSclFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSclFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSclFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSclFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSclFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSclFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSclFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSclFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSclFac_Uls_u2p14[3][6]	31130
12_CurrParamLqSatSclFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSclFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSclFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSclFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSclFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSclFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSclFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSclFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSclFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSclFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSclFac_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
:_KeSatTblX_Amp_u9p7[2]	3840
_KeSatTblX_Amp_u9p7[3]	5120
_KeSatTblX_Amp_u9p7[4]	6400
t_KeSatTblX_Amp_u9p7[5]	7680
rupp7[6]	8960
:_KeSatTblX_Amp_u9p7[7]	10240
_rcedat188tmp_dsp1[7] _KeSatTblX_Amp_u9p7[8]	11520
_rcedat1bbc_tmp_asp1[6] _KeSatTblX_Amp_u9p7[9]	12800
_KeSatTblX_Amp_u9p7[10]	14080
	15360
_KeSatTblX_Amp_u9p7[11]	
_KeSatTblX_Amp_u9p7[12]	16640
_KeSatTblX_Amp_u9p7[13]	17920
_KeSatTblX_Amp_u9p7[14]	19200
_KeSatTblX_Amp_u9p7[15]	20480
_KeSatTblY_Uls_u2p14[0]	2130
KeSatTblY_Uls_u2p14[1]	2294
 _KeSatTblY_Uls_u2p14[2]	2458
_1000011011_013_02014[2]	
t_KeSatTblY_Uls_u2p14[3]	1966

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Name	Input Value		
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	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	2	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32	2	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3222222222222222222222222222222222222$	tgt_CurrParamComp_Per1_MtrCurrDaxRef_A	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]	0.0540000014	0.0540000014	✓
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0540000014	0.0540000014	•
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	3.999999e-005	3.999999e-005 ± 0.00000000009	✓
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	7.999998e-005	7.9999998e-005 ± 0.0625	•
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0099999978	0.0099999978	•

Test Step Call Trace				V
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]	0.0649999976
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	4.9999987e-005
k_MaxLqRngLmt_Henry_f32	9.0000014e-005
k_MaxRRngLmt_Ohm_f32	0.0109999999
k_MinKeRngLmt_VpRadpS_f32	0.0549999997
k_MinLdRngLmt_Henry_f32	9.0000014e-005
k_MinLqRngLmt_Henry_f32	0.000150000007
k_MinRRngLmt_Ohm_f32	0.0140000004
k_NomLd_Henry_f32	9.0000014e-005
k_NomLq_Henry_f32	0.000150000007
t2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853

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CurrParamComp_Per1		razorat
Name	Input Value	
2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491	
2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130	
2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949	
2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768	
2_CurrParamLdSatScIFac_Uls_u2p14[3][0]	3277	
2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	6554	
2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	8192	
2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	11469 14746	
2_CurrParamLdSatSclFac_Uls_u2p14[3][4] 2_CurrParamLdSatSclFac_Uls_u2p14[3][5]	29491	
2_CurrParamLdSatSclFac_Uls_u2p14[3][6]	31130	
2_CurrParamLdSatSclFac_Uls_u2p14[4][0]	1638	
2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277	
2_CurrParamLdSatSclFac_Uls_u2p14[4][2]	4915	
2_CurrParamLdSatSclFac_Uls_u2p14[4][3]	6554	
2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192	
2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830	
2_CurrParamLdSatSclFac_Uls_u2p14[4][6]	11469	
2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	13107	
2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	14746	
CurrParamLdSatSclFac Uls u2p14[5][2]	16384	
P_CurrParamLdSatSclFac_Uls_u2p14[5][3]	18022	
2_CurrParamLdSatSclFac_Uls_u2p14[5][4]	19661	
	21299	
2_CurrParamLdSatSclFac_Uls_u2p14[5][6]	22938	
2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	1638	
2_CurrParamLqSatSclFac_Uls_u2p14[0][1]	3277	
2_CurrParamLqSatSclFac_Uls_u2p14[0][2]	4915	
2_CurrParamLqSatSclFac_Uls_u2p14[0][3]	6554	
2_CurrParamLqSatSclFac_Uls_u2p14[0][4]	8192	
_CurrParamLqSatSclFac_Uls_u2p14[0][5]	9830	
2_CurrParamLqSatSclFac_Uls_u2p14[0][6]	11469	
2_CurrParamLqSatSclFac_Uls_u2p14[1][0]	13107	
2_CurrParamLqSatSclFac_Uls_u2p14[1][1]	14746	
2_CurrParamLqSatSclFac_Uls_u2p14[1][2]	16384	
2_CurrParamLqSatSclFac_Uls_u2p14[1][3]	18022	
2_CurrParamLqSatSclFac_Uls_u2p14[1][4]	19661	
2_CurrParamLqSatSclFac_Uls_u2p14[1][5]	21299	
2_CurrParamLqSatSclFac_Uls_u2p14[1][6]	22938	
2_CurrParamLqSatSclFac_Uls_u2p14[2][0]	24576	
2_CurrParamLqSatSclFac_Uls_u2p14[2][1]	26214	
2_CurrParamLqSatSclFac_Uls_u2p14[2][2]	27853	
2_CurrParamLqSatSclFac_Uls_u2p14[2][3]	29491	
2_CurrParamLqSatSclFac_Uls_u2p14[2][4]	31130	
2_CurrParamLqSatSclFac_Uls_u2p14[2][5]	31949	
2_CurrParamLqSatSclFac_Uls_u2p14[2][6]	32768	
2_CurrParamLqSatSclFac_Uls_u2p14[3][0]	3277	
2_CurrParamLqSatSclFac_Uls_u2p14[3][1]	6554	
2_CurrParamLqSatSclFac_Uls_u2p14[3][2]	8192	
2_CurrParamLqSatSclFac_Uls_u2p14[3][3]	11469	
2_CurrParamLqSatSclFac_Uls_u2p14[3][4]	14746	
2_CurrParamLqSatSclFac_Uls_u2p14[3][5]	29491	
_CurrParamLqSatSclFac_Uls_u2p14[3][6]	31130	
2_CurrParamLqSatSclFac_Uls_u2p14[4][0]	1638	
CurrParamLqSatSclFac_Uls_u2p14[4][1]	3277	
_CurrParamLqSatSclFac_Uls_u2p14[4][2]	4915	
2_CurrParamLqSatSclFac_Uls_u2p14[4][3]	6554	
2_CurrParamLqSatSclFac_Uls_u2p14[4][4]	8192	
2_CurrParamLqSatSclFac_Uls_u2p14[4][5]	9830	
CurrParamLqSatSclFac_Uls_u2p14[4][6]	11469	
P_CurrParamLqSatSclFac_Uls_u2p14[5][0]	13107	
_CurrParamLqSatSclFac_Uls_u2p14[5][1]	14746	
?_CurrParamLqSatSclFac_Uls_u2p14[5][2]	16384	
2_CurrParamLqSatSclFac_Uls_u2p14[5][3]	18022	
P_CurrParamLqSatSclFac_Uls_u2p14[5][4]	19661	
2_CurrParamLqSatSclFac_Uls_u2p14[5][5]	21299	
2_CurrParamLqSatSclFac_Uls_u2p14[5][6]	22938	
_CurrParamCompDaxRef_Amp_u9p7[0]	1280	
_CurrParamCompDaxRef_Amp_u9p7[1]	2560	
_CurrParamCompDaxRef_Amp_u9p7[2]	3840	
_CurrParamCompDaxRef_Amp_u9p7[3]	5120	
_CurrParamCompDaxRef_Amp_u9p7[4]	6400	
L_Cull ParamCompDaxRet_Amp_u9p7[4]	7680	

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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
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3.222222222222222222222222222222222222$	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3$	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32
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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	9.0000014e-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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Name	Input Value
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0370000005
k_MaxLdRngLmt_Henry_f32	5.9999985e-005
k_MaxLqRngLmt_Henry_f32	9.9999975e-005
k_MaxRRngLmt_Ohm_f32	0.0120000001
k_MinKeRngLmt_VpRadpS_f32	0.0560000017
k MinLdRngLmt Henry f32	9.9999975e-005
k_MinLqRngLmt_Henry_f32	0.000159999996
	0.0149999997
k_MinRRngLmt_Ohm_f32	
k_NomLd_Henry_f32	9.9999975e-005
k_NomLq_Henry_f32	0.000159999996
t2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576
t2 CurrParamLdSatSclFac Uls u2p14[2][1]	26214
t2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatScIFac_UIs_u2p14[2][6]	32768
t2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSclFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSclFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatSclFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSclFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSclFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSclFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSclFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSclFac_Uls_u2p14[0][1]	3277
t2 CurrParamLqSatScIFac Uls u2p14[0][2]	4915
t2_CurrParamLqSatSciFac_Uis_u2p14[0][2]	6554
	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[0][4]	
t2_CurrParamLqSatSclFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSclFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSclFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSclFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSclFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSclFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSclFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSclFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSclFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSclFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSclFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSclFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSclFac_Uls_u2p14[2][5]	31949
Significant go_oto_grb in[2][o]	10.0

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Name	Input Value
t2_CurrParamLqSatSclFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSciFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSclFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatScIFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatScIFac_UIs_u2p14[3][3]	11469
	14746
t2_CurrParamLqSatScIFac_Uls_u2p14[3][4]	
t2_CurrParamLqSatSclFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSclFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSclFac_Uls_u2p14[4][0]	1638
12_CurrParamLqSatSclFac_Uls_u2p14[4][1]	3277
2_CurrParamLqSatSclFac_Uls_u2p14[4][2]	4915
l2_CurrParamLqSatSclFac_Uls_u2p14[4][3]	6554
2_CurrParamLqSatSclFac_Uls_u2p14[4][4]	8192
2_CurrParamLqSatSclFac_Uls_u2p14[4][5]	9830
l2_CurrParamLqSatSclFac_Uls_u2p14[4][6]	11469
2_CurrParamLqSatSclFac_Uls_u2p14[5][0]	13107
2_CurrParamLqSatSclFac_Uls_u2p14[5][1]	14746
2_CurrParamLqSatSclFac_Uls_u2p14[5][2]	16384
2_CurrParamLqSatSclFac_Uls_u2p14[5][3]	18022
2_CurrParamLqSatSclFac_Uls_u2p14[5][4]	19661
2_CurrParamLqSatSclFac_Uls_u2p14[5][5]	21299
12_CurrParamLqSatSclFac_Uls_u2p14[5][6]	22938
t_CurrParamCompDaxRef_Amp_u9p7[0]	1408
CurrParamCompDaxRef_Amp_u9p7[1]	2816
	4224
CurrParamCompDaxRef_Amp_u9p7[3]	5632
	7040
CurrParamCompDaxRef_Amp_u9p7[5]	8448
	16640
:_CurrParamCompQaxRef_Amp_u9p7[1]	17920
_CurrParamCompQaxRef_Amp_u9p7[2]	19200
:_CurrParamCompQaxRef_Amp_u9p7[3]	20480
_CurrParamCompQaxRef_Amp_u9p7[4]	21760
CurrParamCompQaxRef_Amp_u9p7[5]	23040
:_CurrParamCompQaxRef_Amp_u9p7[6]	25600
t_KeSatTblX_Amp_u9p7[0]	640
t_KeSatTblX_Amp_u9p7[1]	1920
:_KeSatTblX_Amp_u9p7[2]	3200
t_KeSatTbIX_Amp_u9p7[3]	4480
t_KeSatTblX_Amp_u9p7[4]	5760
t_KeSatTblX_Amp_u9p7[5]	7040
:_KeSatTbIX_Amp_u9p7[6]	8320
:_KeSatTblX_Amp_u9p7[7]	9600
:_KeSatTblX_Amp_u9p7[8]	10880
_KeSatTblX_Amp_u9p7[9]	12160
_KeSatTblX_Amp_u9p7[10]	13440
_KeSatTblX_Amp_u9p7[11]	14720
_KeSatTblX_Amp_u9p7[12]	16000
	17280
KeSatTblX_Amp_u9p7[14]	18560
_KeSatTblX_Amp_u9p7[15]	19840
_KeSatTbiY_Uls_u2p14[0]	1966
_KeSatTblY_Uls_u2p14[1]	2130
KeSatTblY Uls u2p14[2]	2294
	1802
_KeSatTbiY_Uis_u2p14[3] _KeSatTbiY_Uis_u2p14[4]	2621
	2785
_KeSatTblY_Uls_u2p14[5]	3277
_KeSatTblY_Uls_u2p14[6]	
_KeSatTblY_Uls_u2p14[7]	4915
_KeSatTblY_Uls_u2p14[8]	2458
_KeSatTblY_Uls_u2p14[9]	6554
_KeSatTblY_Uls_u2p14[10]	1638
_KeSatTblY_Uls_u2p14[11]	8192
_KeSatTblY_Uls_u2p14[12]	9830
_KeSatTblY_Uls_u2p14[13]	11469
_KeSatTblY_Uls_u2p14[14]	13107
_KeSatTblY_Uls_u2p14[15]	14746
gt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	220
gt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	11.2539997
gt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32
gt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32
gt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32
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Name	Input Value		
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_R$	f3: tgt_CurrParamComp_Per1_MtrCurrDaxRef	_Amp_f32	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_R$	f3: tgt_CurrParamComp_Per1_MtrCurrQaxRef	_Amp_f32	
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	0	0	~
MtrEstKe_VpRadpS_M_f32[0]	0.0560000017	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	5.9999985e-005	5.9999985e-005 ± 0.00000000009	•
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	9.9999975e-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
	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
x_MaxKeRngLmt_VpRadpS_f32	0.0379999988
_MaxLdRngLmt_Henry_f32	7.0000019e-005
_MaxLqRngLmt_Henry_f32	0.00026999999
:_MaxRRngLmt_Ohm_f32	0.0130000003
_MinKeRngLmt_VpRadpS_f32	0.057
_MinLdRngLmt_Henry_f32	0.000119999997
_MinLqRngLmt_Henry_f32	0.000169999999
:_MinRRngLmt_Ohm_f32	0.0160000008
_NomLd_Henry_f32	0.000110000001
c_NomLq_Henry_f32	0.000169999999
2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830
2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384
2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022
2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661
2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299
2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938
2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576
2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214
2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853
2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491
2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949
2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768
2_CurrParamLdSatSciFac_Uls_u2p14[2][0]	3277
2_CurrParamLdSatScIPac_UIs_u2p14[3][1]	6554
2_CurrParamLdSatSciPac_Uis_u2p14[3][1] 2_CurrParamLdSatSciPac_Uis_u2p14[3][2]	8192
2_CurrParamLdSatScIFac_Uis_u2p14[3][2] 2_CurrParamLdSatScIFac_Uis_u2p14[3][3]	11469
	14746
2_CurrParamLdSatSclFac_Uls_u2p14[3][4] 2 CurrParamLdSatSclFac Uls u2p14[3][5]	29491
2_CurrParamLdSatSclFac_Uls_u2p14[3][6]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[4][0]	1638
2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[4][2]	4915
2_CurrParamLdSatSclFac_Uls_u2p14[4][3]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830

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Input Value t2 CurrParamLdSatSclFac Uls u2p14[4][6] 11469 13107 t2_CurrParamLdSatSclFac_Uls_u2p14[5][0] t2 CurrParamLdSatSclFac Uls_u2p14[5][1] 14746 t2_CurrParamLdSatSclFac_Uls_u2p14[5][2] 16384 t2 CurrParamLdSatSclFac Uls u2p14[5][3] 18022 t2_CurrParamLdSatSclFac_Uls_u2p14[5][4] 19661 t2 CurrParamLdSatSclFac Uls u2p14[5][5] 21299 t2_CurrParamLdSatSclFac_Uls_u2p14[5][6] 22938 t2_CurrParamLqSatSclFac_Uls_u2p14[0][0] 1638 $t2_CurrParamLqSatSclFac_Uls_u2p14[0][1]$ 3277 t2_CurrParamLqSatSclFac_Uls_u2p14[0][2] 4915 $t2_CurrParamLqSatSclFac_Uls_u2p14[0][3]$ 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[0][4] 8192 9830 t2 CurrParamLqSatSclFac Uls u2p14[0][5] t2_CurrParamLqSatSclFac_Uls_u2p14[0][6] 11469 t2 CurrParamLqSatSclFac Uls u2p14[1][0] 13107 t2_CurrParamLqSatSclFac_Uls_u2p14[1][1] 14746 16384 t2 CurrParamLqSatSclFac Uls u2p14[1][2] t2_CurrParamLqSatSclFac_Uls_u2p14[1][3] 18022 t2_CurrParamLqSatSclFac_Uls_u2p14[1][4] 19661 t2_CurrParamLqSatSclFac_Uls_u2p14[1][5] 21299 t2_CurrParamLqSatSclFac_Uls_u2p14[1][6] 22938 t2_CurrParamLqSatSclFac_Uls_u2p14[2][0] 24576 t2_CurrParamLqSatSclFac_Uls_u2p14[2][1] 26214 t2_CurrParamLqSatSclFac_Uls_u2p14[2][2] 27853 t2_CurrParamLqSatSclFac_Uls_u2p14[2][3] 29491 t2 CurrParamLqSatSclFac Uls u2p14[2][4] 31130 t2_CurrParamLqSatSclFac_Uls_u2p14[2][5] 31949 t2 CurrParamLqSatSclFac Uls u2p14[2][6] 32768 t2_CurrParamLqSatSclFac_Uls_u2p14[3][0] 3277 t2 CurrParamLqSatSclFac Uls u2p14[3][1] 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[3][2] 8192 t2 CurrParamLqSatSclFac Uls u2p14[3][3] 11469 t2_CurrParamLqSatSclFac_Uls_u2p14[3][4] 14746 t2_CurrParamLqSatSclFac_Uls_u2p14[3][5] 29491 31130 t2_CurrParamLqSatSclFac_Uls_u2p14[3][6] t2_CurrParamLqSatSclFac_Uls_u2p14[4][0] 1638 t2_CurrParamLqSatSclFac_Uls_u2p14[4][1] 3277 t2_CurrParamLqSatSclFac_Uls_u2p14[4][2] 4915 t2_CurrParamLqSatSclFac_Uls_u2p14[4][3] 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[4][4] 8192 t2 CurrParamLqSatSclFac_Uls_u2p14[4][5] 9830 t2_CurrParamLqSatSclFac_Uls_u2p14[4][6] 11469 t2_CurrParamLqSatSclFac_Uls_u2p14[5][0] 13107 $t2_CurrParamLqSatSclFac_Uls_u2p14[5][1]$ 14746 t2_CurrParamLqSatSclFac_Uls_u2p14[5][2] 16384 t2 CurrParamLqSatSclFac Uls u2p14[5][3] 18022 t2_CurrParamLqSatSclFac_Uls_u2p14[5][4] 19661 t2 CurrParamLqSatSclFac Uls u2p14[5][5] 21299 t2_CurrParamLqSatSclFac_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 16000 t CurrParamCompQaxRef Amp u9p7[5] t_CurrParamCompQaxRef_Amp_u9p7[6] 17280 1280 t_KeSatTblX_Amp_u9p7[0] 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_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	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
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3322222222222222222222222222222222222$	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]	0.057	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)	range in the second
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	7.999998e-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_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830

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CurrParamComp Per1 Input Value t2 CurrParamLdSatSclFac Uls u2p14[0][6] 11469 13107 t2_CurrParamLdSatSclFac_Uls_u2p14[1][0] t2 CurrParamLdSatSclFac Uls_u2p14[1][1] 14746 t2_CurrParamLdSatSclFac_Uls_u2p14[1][2] 16384 t2 CurrParamLdSatSclFac Uls u2p14[1][3] 18022 t2_CurrParamLdSatSclFac_Uls_u2p14[1][4] 19661 t2 CurrParamLdSatSclFac Uls u2p14[1][5] 21299 t2_CurrParamLdSatSclFac_Uls_u2p14[1][6] 22938 t2_CurrParamLdSatSclFac_Uls_u2p14[2][0] 24576 $t2_CurrParamLdSatSclFac_Uls_u2p14[2][1]$ 26214 t2_CurrParamLdSatSclFac_Uls_u2p14[2][2] 27853 t2_CurrParamLdSatSclFac_Uls_u2p14[2][3] 29491 t2_CurrParamLdSatSclFac_Uls_u2p14[2][4] 31130 t2_CurrParamLdSatSclFac_Uls_u2p14[2][5] 31949 t2_CurrParamLdSatSclFac_Uls_u2p14[2][6] 32768 3277 t2 CurrParamLdSatSclFac Uls u2p14[3][0] t2_CurrParamLdSatSclFac_Uls_u2p14[3][1] 6554 t2_CurrParamLdSatSclFac_Uls_u2p14[3][2] 8192 t2_CurrParamLdSatSclFac_Uls_u2p14[3][3] 11469 t2_CurrParamLdSatSclFac_Uls_u2p14[3][4] 14746 t2_CurrParamLdSatSclFac_Uls_u2p14[3][5] 29491 t2_CurrParamLdSatSclFac_Uls_u2p14[3][6] 31130 t2_CurrParamLdSatSclFac_Uls_u2p14[4][0] 1638 t2_CurrParamLdSatSclFac_Uls_u2p14[4][1] 3277 t2_CurrParamLdSatSclFac_Uls_u2p14[4][2] 4915 t2_CurrParamLdSatSclFac_Uls_u2p14[4][3] 6554 t2_CurrParamLdSatSclFac_Uls_u2p14[4][4] 8192 t2_CurrParamLdSatSclFac_Uls_u2p14[4][5] 9830 t2 CurrParamLdSatSclFac Uls u2p14[4][6] 11469 t2_CurrParamLdSatSclFac_Uls_u2p14[5][0] 13107 t2 CurrParamLdSatSclFac Uls u2p14[5][1] 14746 t2_CurrParamLdSatSclFac_Uls_u2p14[5][2] 16384 t2 CurrParamLdSatSclFac Uls u2p14[5][3] 18022 t2_CurrParamLdSatSclFac_Uls_u2p14[5][4] 19661 t2_CurrParamLdSatSclFac_Uls_u2p14[5][5] 21299 22938 t2_CurrParamLdSatSclFac_Uls_u2p14[5][6] t2_CurrParamLqSatSclFac_Uls_u2p14[0][0] 1638 t2_CurrParamLqSatSclFac_Uls_u2p14[0][1] 3277 t2_CurrParamLqSatSclFac_Uls_u2p14[0][2] 4915 t2 CurrParamLqSatSclFac_Uls_u2p14[0][3] 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[0][4] 8192 t2 CurrParamLqSatSclFac_Uls_u2p14[0][5] 9830 t2_CurrParamLqSatSclFac_Uls_u2p14[0][6] 11469 t2_CurrParamLqSatSclFac_Uls_u2p14[1][0] 13107 $t2_CurrParamLqSatSclFac_Uls_u2p14[1][1]$ 14746 t2_CurrParamLqSatSclFac_Uls_u2p14[1][2] 16384 t2 CurrParamLqSatSclFac Uls u2p14[1][3] 18022 t2_CurrParamLqSatSclFac_Uls_u2p14[1][4] 19661 t2 CurrParamLqSatSclFac Uls u2p14[1][5] 21299 t2_CurrParamLqSatSclFac_Uls_u2p14[1][6] 22938 t2 CurrParamLqSatSclFac Uls u2p14[2][0] 24576 t2_CurrParamLqSatSclFac_Uls_u2p14[2][1] 26214 t2 CurrParamLqSatSclFac Uls u2p14[2][2] 27853 t2_CurrParamLqSatSclFac_Uls_u2p14[2][3] 29491 t2_CurrParamLqSatSclFac_Uls_u2p14[2][4] 31130 t2_CurrParamLqSatSclFac_Uls_u2p14[2][5] 31949 t2_CurrParamLqSatSclFac_Uls_u2p14[2][6] 32768 t2_CurrParamLqSatSclFac_Uls_u2p14[3][0] 3277 t2_CurrParamLqSatSclFac_Uls_u2p14[3][1] 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[3][2] 8192 t2_CurrParamLqSatSclFac_Uls_u2p14[3][3] 11469 14746 t2 CurrParamLqSatSclFac Uls u2p14[3][4] $t2_CurrParamLqSatSclFac_Uls_u2p14[3][5]$ 29491 t2_CurrParamLqSatSclFac_Uls_u2p14[3][6] 31130 t2_CurrParamLqSatSclFac_Uls_u2p14[4][0] 1638 3277 t2 CurrParamLqSatSclFac Uls u2p14[4][1] t2_CurrParamLqSatSclFac_Uls_u2p14[4][2] 4915 t2 CurrParamLqSatSclFac Uls u2p14[4][3] 6554

8192

9830

11469

13107

14746

t2_CurrParamLqSatSclFac_Uls_u2p14[4][4]

t2_CurrParamLqSatSclFac_Uls_u2p14[4][5]

t2_CurrParamLqSatSclFac_Uls_u2p14[4][6]

t2_CurrParamLqSatSclFac_Uls_u2p14[5][0]

 $t2_CurrParamLqSatSclFac_Uls_u2p14[5][1]$

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Name	Innuit Value		
Name t2_CurrParamLqSatSclFac_Uls_u2p14[5][2]	Input Value 16384		
t2_CurrParamLqSatSciFac_Uis_u2p14[5][2]	18022		
t2_CurrParamLqSatSciFac_Uis_u2p14[5][6]	19661		
t2 CurrParamLqSatSclFac UIs 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 1408		
t_KeSatTblX_Amp_u9p7[0] 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_KeSatTbIX_Amp_u9p7[5]	8448		
t_KeSatTbiX_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 2621		
t_KeSatTblY_Uls_u2p14[4] 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	_	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f3		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f3	2	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32	A 500	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3;			
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3:			D
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	0 0570000093	0	•
MtrEstKe_VpRadpS_M_f32[0]	0.0579999983	0.0579999983	
MtrEstKe_VpRadpS_M_f32[1] tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0309999995 0.0579999983	0.0309999995 0.0579999983	
tgt_CurrParamComp_Per1_EstAd_Henry_f32.value	0.00013	0.0079999963 0.00013 ± 0.000000009	
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.00013	0.00018 ± 0.0000000003	V
-9			

0.0140000004

0.0140000004

 $tgt_CurrParamComp_Per1_EstR_Ohm_f32.value$





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
/trEstKe_VpRadpS_M_f32[0]	0.0410000011
MtrEstKe_VpRadpS_M_f32[1]	0.0450000018
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
_MaxKeRngLmt_VpRadpS_f32	0.039999991
_MaxLdRngLmt_Henry_f32	9.0000014e-005
_MaxLqRngLmt_Henry_f32	0.000289999996
MaxRRngLmt Ohm f32	0.0149999997
C_MinKeRngLmt_VpRadpS_f32	0.0590000004
:_MinLdRngLmt_Henry_f32	0.000140000004
:_MinLqRngLmt_Henry_f32	0.000190000006
:_MinRRngLmt_Ohm_f32	0.0179999992
C_NomLd_Henry_f32	0.00013
:_NomLq_Henry_f32	0.000190000006
2 CurrParamLdSatSclFac Uls u2p14[0][0]	1638
	3277
2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	
2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830
2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384
2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022
2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661
2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299
2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938
2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576
2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214
2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853
2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491
2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949
2 CurrParamLdSatScIFac Uls u2p14[2][6]	32768
2 CurrParamLdSatScIFac Uls u2p14[3][0]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	6554
	8192
2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	
2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[3][5]	29491
2_CurrParamLdSatSclFac_Uls_u2p14[3][6]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[4][0]	1638
2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[4][2]	4915
2_CurrParamLdSatSclFac_Uls_u2p14[4][3]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830
2_CurrParamLdSatSclFac_Uls_u2p14[4][6]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	13107
2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	16384
2 CurrParamLdSatScIFac Uls u2p14[5][3]	18022
2_CurrParamLdSatSclFac_Uls_u2p14[5][4]	19661
2_CurrParamLdSatSclFac_Uls_u2p14[5][5]	21299
2_CurrParamLdSatSclFac_Uls_u2p14[5][6]	22938
2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	1638
2_CurrParamLqSatSclFac_Uls_u2p14[0][1]	3277

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CurraramComp_Peri		
Name	Input Value	
2_CurrParamLqSatSclFac_Uls_u2p14[0][3]	6554	
2_CurrParamLqSatSclFac_Uls_u2p14[0][4]	8192	
t2_CurrParamLqSatSclFac_Uls_u2p14[0][5]	9830	
t2_CurrParamLqSatSclFac_Uls_u2p14[0][6]	11469	
t2_CurrParamLqSatSclFac_Uls_u2p14[1][0]	13107	
t2_CurrParamLqSatSclFac_Uls_u2p14[1][1]	14746	
t2_CurrParamLqSatSclFac_Uls_u2p14[1][2]	16384	
t2_CurrParamLqSatSclFac_Uls_u2p14[1][3]	18022	
t2_CurrParamLqSatSclFac_Uls_u2p14[1][4]	19661	
t2_CurrParamLqSatSclFac_Uls_u2p14[1][5]	21299	
t2_CurrParamLqSatSclFac_Uls_u2p14[1][6]	22938	
	24576	
t2_CurrParamLqSatSclFac_Uls_u2p14[2][0]		
t2_CurrParamLqSatSclFac_Uls_u2p14[2][1]	26214	
t2_CurrParamLqSatSclFac_Uls_u2p14[2][2]	27853	
t2_CurrParamLqSatSclFac_Uls_u2p14[2][3]	29491	
l2_CurrParamLqSatSclFac_Uls_u2p14[2][4]	31130	
t2_CurrParamLqSatSclFac_Uls_u2p14[2][5]	31949	
t2_CurrParamLqSatSclFac_Uls_u2p14[2][6]	32768	
t2_CurrParamLqSatSclFac_Uls_u2p14[3][0]	3277	
t2_CurrParamLqSatSclFac_Uls_u2p14[3][1]	6554	
t2_CurrParamLqSatSclFac_Uls_u2p14[3][2]	8192	
t2_CurrParamLqSatSclFac_Uls_u2p14[3][3]	11469	
t2_CurrParamLqSatSclFac_Uls_u2p14[3][4]	14746	
t2_CurrParamLqSatSclFac_Uls_u2p14[3][5]	29491	
12_CurrParamLqSatSclFac_Uls_u2p14[3][6]	31130	
12_CurrParamLqSatSclFac_Uls_u2p14[4][0]	1638	
t2_CurrParamLqSatSclFac_Uls_u2p14[4][1]	3277	
t2_CurrParamLqSatSclFac_Uls_u2p14[4][2]	4915	
t2_CurrParamLqSatSclFac_Uls_u2p14[4][3]	6554	
t2_CurrParamLqSatSclFac_Uls_u2p14[4][4]	8192	
t2_CurrParamLqSatScIFac_Uls_u2p14[4][5]	9830	
	11469	
t2_CurrParamLqSatSclFac_Uls_u2p14[4][6]		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][0]	13107	
t2_CurrParamLqSatSclFac_Uls_u2p14[5][1]	14746	
t2_CurrParamLqSatSclFac_Uls_u2p14[5][2]	16384	
t2_CurrParamLqSatSclFac_Uls_u2p14[5][3]	18022	
t2_CurrParamLqSatSclFac_Uls_u2p14[5][4]	19661	
t2_CurrParamLqSatSclFac_Uls_u2p14[5][5]	21299	
t2_CurrParamLqSatSclFac_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[3]	7040	
:_CurrParamCompQaxRef_Amp_u9p7[5]	8448	
t_CurrParamCompQaxRef_Amp_u9p7[6]	9856	
:_KeSatTblX_Amp_u9p7[0]	640	
_KeSatTblX_Amp_u9p7[1]	1920	
_KeSatTblX_Amp_u9p7[2]	3200	
_KeSatTblX_Amp_u9p7[3]	4480	
:_KeSatTblX_Amp_u9p7[4]	5760	
_KeSatTblX_Amp_u9p7[5]	7040	
_KeSatTblX_Amp_u9p7[6]	8320	
_KeSatTblX_Amp_u9p7[7]	9600	
KeSatTblX_Amp_u9p7[8]	10880	
_KeSatTblX_Amp_u9p7[9]	12160	
_KeSatTblX_Amp_u9p7[10]	13440	
_KeSatTblX_Amp_u9p7[11]	14720	
	16000	
_KeSatTbIX_Amp_u9p7[12]		
_KeSatTblX_Amp_u9p7[13]	17280	
_KeSatTblX_Amp_u9p7[14]	18560	
_KeSatTblX_Amp_u9p7[15]	19840	
_KeSatTblY_Uls_u2p14[0]	1966	
_KeSatTblY_Uls_u2p14[1]	2130	
_KeSatTblY_Uls_u2p14[2]	2294	
t_KeSatTblY_Uls_u2p14[3]	1802	

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Name	Input Value		
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	-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	2	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32	2	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3222222222222222222222222222222222222$	tgt_CurrParamComp_Per1_MtrCurrDaxRef_A	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]	0.0590000004	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				V
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	9.9999975e-005
k_MaxLqRngLmt_Henry_f32	0.000300000014
k_MaxRRngLmt_Ohm_f32	0.0160000008
k_MinKeRngLmt_VpRadpS_f32	0.059999987
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_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853

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Curraramcomp_reri	TOPO (M
Name	Input Value
2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491
2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949
2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[3][5]	29491
2_CurrParamLdSatSclFac_Uls_u2p14[3][6]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[4][0]	1638
2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[4][2]	4915
2_CurrParamLdSatSclFac_Uls_u2p14[4][3]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830
2_CurrParamLdSatSclFac_Uls_u2p14[4][6]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	13107
2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	16384
2_CurrParamLdSatSclFac_Uls_u2p14[5][3]	18022
2_CurrParamLdSatSclFac_Uls_u2p14[5][4]	19661
2_CurrParamLdSatSclFac_Uls_u2p14[5][5]	21299
2_CurrParamLdSatSclFac_Uls_u2p14[5][6]	22938
2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	1638
2_CurrParamLqSatSclFac_Uls_u2p14[0][1]	3277
2_CurrParamLqSatSclFac_Uls_u2p14[0][2]	4915
2_CurrParamLqSatSclFac_Uls_u2p14[0][3]	6554
2_CurrParamLqSatSclFac_Uls_u2p14[0][4]	8192
2_CurrParamLqSatSclFac_Uls_u2p14[0][5]	9830
2_CurrParamLqSatSclFac_Uls_u2p14[0][6]	11469
2_CurrParamLqSatSclFac_Uls_u2p14[1][0]	13107
2_CurrParamLqSatSclFac_Uls_u2p14[1][1]	14746
	16384
2_CurrParamLqSatSclFac_Uls_u2p14[1][2]	18022
2_CurrParamLqSatSclFac_Uls_u2p14[1][3]	
2_CurrParamLqSatSclFac_Uls_u2p14[1][4]	19661
2_CurrParamLqSatSclFac_Uls_u2p14[1][5]	21299
2_CurrParamLqSatSclFac_Uls_u2p14[1][6]	22938
2_CurrParamLqSatSclFac_Uls_u2p14[2][0]	24576
2_CurrParamLqSatSclFac_Uls_u2p14[2][1]	26214
2_CurrParamLqSatSclFac_Uls_u2p14[2][2]	27853
2_CurrParamLqSatSclFac_Uls_u2p14[2][3]	29491
2_CurrParamLqSatSclFac_Uls_u2p14[2][4]	31130
2_CurrParamLqSatSclFac_Uls_u2p14[2][5]	31949
2_CurrParamLqSatSclFac_Uls_u2p14[2][6]	32768
2_CurrParamLqSatSclFac_Uls_u2p14[3][0]	3277
2_CurrParamLqSatSclFac_Uls_u2p14[3][1]	6554
2_CurrParamLqSatSclFac_Uls_u2p14[3][2]	8192
2_CurrParamLqSatSclFac_Uls_u2p14[3][3]	11469
2_CurrParamLqSatSclFac_Uls_u2p14[3][4]	14746
2_CurrParamLqSatSclFac_Uls_u2p14[3][5]	29491
CurrParamLqSatScIFac Uls u2p14[3][6]	31130
2_CurrParamLqSatSclFac_Uls_u2p14[4][0]	1638
2 CurrParamLqSatSclFac Uls u2p14[4][1]	3277
2_CurrParamLqSatSclFac_Uls_u2p14[4][2]	4915
2_CurrParamLqSatSciPac_Uis_u2p14[4][2]	6554
	8192
2_CurrParamLqSatSclFac_Uls_u2p14[4][4]	
CurrParamLqSatSclFac_Uls_u2p14[4][5]	9830
CurrParamLqSatScIFac_Uls_u2p14[4][6]	11469
CurrParamLqSatScIFac_Uls_u2p14[5][0]	13107
_CurrParamLqSatSclFac_Uls_u2p14[5][1]	14746
_CurrParamLqSatSclFac_Uls_u2p14[5][2]	16384
_CurrParamLqSatSclFac_Uls_u2p14[5][3]	18022
_CurrParamLqSatSclFac_Uls_u2p14[5][4]	19661
CurrParamLqSatSclFac_Uls_u2p14[5][5]	21299
	22938
CurrParamCompDaxRef_Amp_u9p7[0]	1280
_CurrParamCompDaxRef_Amp_u9p7[1]	2560
_CurrParamCompDaxRef_Amp_u9p7[1]	3840
_CurrParamCompDaxRef_Amp_u9p7[3]	5120
_ca a.a.noompoaxi.toi_Amp_aopi [o]	
_CurrParamCompDaxRef_Amp_u9p7[4]	6400

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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]	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]	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	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_f3	3: tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3	
Name	Actual Value Expected Value Resu

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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	0.059999987	~
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0599999987	0.059999987	~
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	9.9999975e-005	9.9999975e-005 ± 0.0000000009	~
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				V
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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Curraramcomp_reri	- Colored Colo
Name	Input Value
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
_MaxKeRngLmt_VpRadpS_f32	0.0419999994
<pre><_MaxLdRngLmt_Henry_f32</pre>	0.000119999997
_MaxLqRngLmt_Henry_f32	0.000330364011
_MaxRRngLmt_Ohm_f32	0.0170000009
_MinKeRngLmt_VpRadpS_f32	0.0610000007
_MinLdRngLmt_Henry_f32	0.000159999996
_MinLqRngLmt_Henry_f32	0.00020999998
_MinRRngLmt_Ohm_f32	0.0199999996
NomLd Henry f32	0.000150000007
NomLq Henry f32	0.00020999998
2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
2_CurrParamLdSatSciFac_Uls_u2p14[0][4]	9830
2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384
2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022
2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661
2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299
2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938
2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576
2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214
2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853
2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491
2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949
2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[3][5]	29491
2_CurrParamLdSatSclFac_Uls_u2p14[3][6]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[4][0]	1638
2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[4][2]	4915
2_CurrParamLdSatSclFac_Uls_u2p14[4][3]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830
2_CurrParamLdSatSclFac_Uls_u2p14[4][6]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	13107
2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	16384
2_CurrParamLdSatSclFac_Uls_u2p14[5][3]	18022
2 CurrParamLdSatSclFac Uls u2p14[5][4]	19661
2_CurrParamLdSatSclFac_Uls_u2p14[5][5]	21299
2_CurrParamLdSatSclFac_Uls_u2p14[5][6]	22938
2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	1638
2 CurrParamLqSatSclFac Uls u2p14[0][1]	3277
2_CurrParamLqSatSclFac_Uls_u2p14[0][1]	4915
z_currParamLqSatScIPac_Uis_uzp14[0][z] 2_CurrParamLqSatScIPac_Uis_u2p14[0][3]	6554
	8192
2_CurrParamLqSatSclFac_Uls_u2p14[0][4]	
2_CurrParamLqSatSclFac_Uls_u2p14[0][5]	9830
2_CurrParamLqSatSclFac_Uls_u2p14[0][6]	11469
2_CurrParamLqSatSclFac_Uls_u2p14[1][0]	13107
2_CurrParamLqSatSclFac_Uls_u2p14[1][1]	14746
2_CurrParamLqSatSclFac_Uls_u2p14[1][2]	16384
2_CurrParamLqSatSclFac_Uls_u2p14[1][3]	18022
2_CurrParamLqSatSclFac_Uls_u2p14[1][4]	19661
2_CurrParamLqSatSclFac_Uls_u2p14[1][5]	21299
2_CurrParamLqSatSclFac_Uls_u2p14[1][6]	22938
2_CurrParamLqSatSclFac_Uls_u2p14[2][0]	24576
2_CurrParamLqSatSclFac_Uls_u2p14[2][1]	26214
[1]	27853
2 CurrParamLgSatSclFac Uls u2n14[2][2]	
2_CurrParamLqSatSclFac_Uls_u2p14[2][2] 2_CurrParamLqSatSclFac_Uls_u2p14[2][3] 2_CurrParamLqSatSclFac_Uls_u2p14[2][4]	29491 31130

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Input Value t2 CurrParamLqSatSclFac Uls u2p14[2][6] 32768 3277 t2_CurrParamLqSatSclFac_Uls_u2p14[3][0] t2 CurrParamLqSatSclFac Uls_u2p14[3][1] 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[3][2] 8192 t2 CurrParamLqSatSclFac Uls_u2p14[3][3] 11469 t2_CurrParamLqSatSclFac_Uls_u2p14[3][4] 14746 t2 CurrParamLqSatSclFac Uls u2p14[3][5] 29491 t2_CurrParamLqSatSclFac_Uls_u2p14[3][6] 31130 t2_CurrParamLqSatSclFac_Uls_u2p14[4][0] 1638 $t2_CurrParamLqSatSclFac_Uls_u2p14[4][1]$ 3277 t2_CurrParamLqSatSclFac_Uls_u2p14[4][2] 4915 $t2_CurrParamLqSatSclFac_Uls_u2p14[4][3]$ 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[4][4] 8192 t2_CurrParamLqSatSclFac_Uls_u2p14[4][5] 9830 t2_CurrParamLqSatSclFac_Uls_u2p14[4][6] 11469 t2_CurrParamLqSatSclFac_Uls_u2p14[5][0] 13107 t2_CurrParamLqSatSclFac_Uls_u2p14[5][1] 14746 16384 t2 CurrParamLqSatSclFac Uls u2p14[5][2] t2_CurrParamLqSatSclFac_Uls_u2p14[5][3] 18022 t2_CurrParamLqSatSclFac_Uls_u2p14[5][4] 19661 t2_CurrParamLqSatSclFac_Uls_u2p14[5][5] 21299 t2_CurrParamLqSatSclFac_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 16640 t CurrParamCompQaxRef Amp u9p7[0] $t_CurrParamCompQaxRef_Amp_u9p7[1]$ 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 28160 t_KeSatTblX_Amp_u9p7[0] t_KeSatTblX_Amp_u9p7[1] 28160 28160 t_KeSatTblX_Amp_u9p7[2] t_KeSatTblX_Amp_u9p7[3] 28160 t_KeSatTblX_Amp_u9p7[4] 28160 t_KeSatTblX_Amp_u9p7[5] 28160 28160 t_KeSatTblX_Amp_u9p7[6] 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 10650 t_KeSatTblY_Uls_u2p14[12] t_KeSatTblY_Uls_u2p14[13] 12288 t_KeSatTblY_Uls_u2p14[14] 13926 t_KeSatTblY_Uls_u2p14[15] 15565 tot 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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Name	Input Value		
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]	0.0649999976	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	~

Name	Input Value
	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
x_MaxKeRngLmt_VpRadpS_f32	0.075000003
C_MaxLdRngLmt_Henry_f32	0.000310000003
c_MaxLqRngLmt_Henry_f32	0.000289999996
C_MaxRRngLmt_Ohm_f32	0.0240000002
C_MinKeRngLmt_VpRadpS_f32	0.0649999976
_MinLdRngLmt_Henry_f32	0.00033000001
_MinLqRngLmt_Henry_f32	0.000239999994
C_MinRRngLmt_Ohm_f32	0.0390000008
c_NomLd_Henry_f32	0.000260000001
c_NomLq_Henry_f32	3.999999e-005
2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830
2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384
2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022
2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661
2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299
2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938
2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576
2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214
2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853
2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491
2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949
2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	8192
2 CurrParamLdSatScIFac Uls u2p14[3][3]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[3][5]	29491
2_CurrParamLdSatSclFac_Uls_u2p14[3][6]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[4][0]	1638
2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[4][2]	4915
2_CurrParamLdSatSclFac Uls u2p14[4][3]	6554
2_CurrParamLdSatSciFac_Uis_u2p14[4][5] 2_CurrParamLdSatSciFac_Uis_u2p14[4][4]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830

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CurrParamComp_Per1 Input Value t2 CurrParamLdSatSclFac Uls u2p14[4][6] 11469 13107 t2_CurrParamLdSatSclFac_Uls_u2p14[5][0] t2 CurrParamLdSatSclFac Uls u2p14[5][1] 14746 t2_CurrParamLdSatSclFac_Uls_u2p14[5][2] 16384 t2 CurrParamLdSatSclFac Uls u2p14[5][3] 18022 t2_CurrParamLdSatSclFac_Uls_u2p14[5][4] 19661 t2 CurrParamLdSatSclFac Uls u2p14[5][5] 21299 t2_CurrParamLdSatSclFac_Uls_u2p14[5][6] 22938 t2_CurrParamLqSatSclFac_Uls_u2p14[0][0] 1638 $t2_CurrParamLqSatSclFac_Uls_u2p14[0][1]$ 3277 t2_CurrParamLqSatSclFac_Uls_u2p14[0][2] 4915 $t2_CurrParamLqSatSclFac_Uls_u2p14[0][3]$ 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[0][4] 8192 9830 t2 CurrParamLqSatSclFac Uls u2p14[0][5] t2_CurrParamLqSatSclFac_Uls_u2p14[0][6] 11469 t2 CurrParamLqSatSclFac Uls u2p14[1][0] 13107 t2_CurrParamLqSatSclFac_Uls_u2p14[1][1] 14746 16384 t2 CurrParamLqSatSclFac Uls u2p14[1][2] t2_CurrParamLqSatSclFac_Uls_u2p14[1][3] 18022 t2_CurrParamLqSatSclFac_Uls_u2p14[1][4] 19661 t2_CurrParamLqSatSclFac_Uls_u2p14[1][5] 21299 t2_CurrParamLqSatSclFac_Uls_u2p14[1][6] 22938 t2_CurrParamLqSatSclFac_Uls_u2p14[2][0] 24576 t2_CurrParamLqSatSclFac_Uls_u2p14[2][1] 26214 t2_CurrParamLqSatSclFac_Uls_u2p14[2][2] 27853 t2_CurrParamLqSatSclFac_Uls_u2p14[2][3] 29491 t2 CurrParamLqSatSclFac Uls u2p14[2][4] 31130 t2_CurrParamLqSatSclFac_Uls_u2p14[2][5] 31949 t2 CurrParamLqSatSclFac Uls u2p14[2][6] 32768 t2_CurrParamLqSatSclFac_Uls_u2p14[3][0] 3277 t2 CurrParamLqSatSclFac Uls u2p14[3][1] 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[3][2] 8192 t2 CurrParamLqSatSclFac Uls u2p14[3][3] 11469 t2_CurrParamLqSatSclFac_Uls_u2p14[3][4] 14746 t2_CurrParamLqSatSclFac_Uls_u2p14[3][5] 29491 31130 t2_CurrParamLqSatSclFac_Uls_u2p14[3][6] t2_CurrParamLqSatSclFac_Uls_u2p14[4][0] 1638 t2_CurrParamLqSatSclFac_Uls_u2p14[4][1] 3277 t2_CurrParamLqSatSclFac_Uls_u2p14[4][2] 4915 t2_CurrParamLqSatSclFac_Uls_u2p14[4][3] 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[4][4] 8192 t2 CurrParamLqSatSclFac_Uls_u2p14[4][5] 9830 t2_CurrParamLqSatSclFac_Uls_u2p14[4][6] 11469 t2_CurrParamLqSatSclFac_Uls_u2p14[5][0] 13107 $t2_CurrParamLqSatSclFac_Uls_u2p14[5][1]$ 14746 t2_CurrParamLqSatSclFac_Uls_u2p14[5][2] 16384 t2 CurrParamLqSatSclFac Uls u2p14[5][3] 18022 t2_CurrParamLqSatSclFac_Uls_u2p14[5][4] 19661 t2 CurrParamLqSatSclFac Uls u2p14[5][5] 21299 t2_CurrParamLqSatSclFac_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 23040 t CurrParamCompQaxRef Amp u9p7[5] t_CurrParamCompQaxRef_Amp_u9p7[6] 25600 12800 t_KeSatTblX_Amp_u9p7[0] t_KeSatTblX_Amp_u9p7[1] 12800 t_KeSatTblX_Amp_u9p7[2] 12800 t_KeSatTblX_Amp_u9p7[3] 12800 t KeSatTblX Amp u9p7[4] 12800 t_KeSatTblX_Amp_u9p7[5] 12800 t_KeSatTblX_Amp_u9p7[6] 12800 t_KeSatTblX_Amp_u9p7[7] 12800 t_KeSatTblX_Amp_u9p7[8] 12800

12800

t_KeSatTblX_Amp_u9p7[9]

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Name	Input Value
t_KeSatTblX_Amp_u9p7[10]	12800
t_KeSatTblX_Amp_u9p7[11]	12800
t_KeSatTblX_Amp_u9p7[12]	12800
t_KeSatTblX_Amp_u9p7[13]	12800
t_KeSatTblX_Amp_u9p7[14]	12800
t_KeSatTblX_Amp_u9p7[15]	12800
t_KeSatTblY_Uls_u2p14[0]	16384
t_KeSatTblY_Uls_u2p14[1]	16384
t_KeSatTblY_Uls_u2p14[2]	16384
t_KeSatTblY_Uls_u2p14[3]	16384
t_KeSatTblY_Uls_u2p14[4]	16384
t_KeSatTblY_Uls_u2p14[5]	16384
t_KeSatTblY_Uls_u2p14[6]	16384
t_KeSatTblY_Uls_u2p14[7]	16384
t_KeSatTblY_Uls_u2p14[8]	16384
t_KeSatTblY_Uls_u2p14[9]	16384
t_KeSatTblY_Uls_u2p14[10]	16384
t_KeSatTblY_Uls_u2p14[11]	16384
t_KeSatTblY_Uls_u2p14[12]	16384
t_KeSatTblY_Uls_u2p14[13]	16384
t_KeSatTblY_Uls_u2p14[14]	16384
t_KeSatTblY_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
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3322222222222222222222222222222222222$	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]	0.074000001	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)	ranger i de la companya de la compa
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_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830

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CurrParamComp Per1 Input Value t2 CurrParamLdSatSclFac Uls u2p14[0][6] 11469 13107 t2_CurrParamLdSatSclFac_Uls_u2p14[1][0] t2 CurrParamLdSatSclFac Uls_u2p14[1][1] 14746 t2_CurrParamLdSatSclFac_Uls_u2p14[1][2] 16384 t2 CurrParamLdSatSclFac Uls u2p14[1][3] 18022 t2_CurrParamLdSatSclFac_Uls_u2p14[1][4] 19661 t2 CurrParamLdSatSclFac Uls u2p14[1][5] 21299 t2_CurrParamLdSatSclFac_Uls_u2p14[1][6] 22938 t2_CurrParamLdSatSclFac_Uls_u2p14[2][0] 24576 $t2_CurrParamLdSatSclFac_Uls_u2p14[2][1]$ 26214 t2_CurrParamLdSatSclFac_Uls_u2p14[2][2] 27853 t2_CurrParamLdSatSclFac_Uls_u2p14[2][3] 29491 t2_CurrParamLdSatSclFac_Uls_u2p14[2][4] 31130 t2_CurrParamLdSatSclFac_Uls_u2p14[2][5] 31949 t2_CurrParamLdSatSclFac_Uls_u2p14[2][6] 32768 3277 t2 CurrParamLdSatSclFac Uls u2p14[3][0] t2_CurrParamLdSatSclFac_Uls_u2p14[3][1] 6554 t2_CurrParamLdSatSclFac_Uls_u2p14[3][2] 8192 t2_CurrParamLdSatSclFac_Uls_u2p14[3][3] 11469 t2_CurrParamLdSatSclFac_Uls_u2p14[3][4] 14746 t2_CurrParamLdSatSclFac_Uls_u2p14[3][5] 29491 t2_CurrParamLdSatSclFac_Uls_u2p14[3][6] 31130 t2_CurrParamLdSatSclFac_Uls_u2p14[4][0] 1638 t2_CurrParamLdSatSclFac_Uls_u2p14[4][1] 3277 t2_CurrParamLdSatSclFac_Uls_u2p14[4][2] 4915 t2_CurrParamLdSatSclFac_Uls_u2p14[4][3] 6554 t2_CurrParamLdSatSclFac_Uls_u2p14[4][4] 8192 t2_CurrParamLdSatSclFac_Uls_u2p14[4][5] 9830 t2 CurrParamLdSatSclFac Uls u2p14[4][6] 11469 t2_CurrParamLdSatSclFac_Uls_u2p14[5][0] 13107 t2 CurrParamLdSatSclFac Uls u2p14[5][1] 14746 t2_CurrParamLdSatSclFac_Uls_u2p14[5][2] 16384 t2 CurrParamLdSatSclFac Uls u2p14[5][3] 18022 t2_CurrParamLdSatSclFac_Uls_u2p14[5][4] 19661 t2_CurrParamLdSatSclFac_Uls_u2p14[5][5] 21299 22938 t2_CurrParamLdSatSclFac_Uls_u2p14[5][6] t2_CurrParamLqSatSclFac_Uls_u2p14[0][0] 1638 t2_CurrParamLqSatSclFac_Uls_u2p14[0][1] 3277 t2_CurrParamLqSatSclFac_Uls_u2p14[0][2] 4915 t2 CurrParamLqSatSclFac_Uls_u2p14[0][3] 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[0][4] 8192 t2 CurrParamLqSatSclFac_Uls_u2p14[0][5] 9830 t2_CurrParamLqSatSclFac_Uls_u2p14[0][6] 11469 t2_CurrParamLqSatSclFac_Uls_u2p14[1][0] 13107 $t2_CurrParamLqSatSclFac_Uls_u2p14[1][1]$ 14746 t2_CurrParamLqSatSclFac_Uls_u2p14[1][2] 16384 t2 CurrParamLqSatSclFac Uls u2p14[1][3] 18022 t2_CurrParamLqSatSclFac_Uls_u2p14[1][4] 19661 t2 CurrParamLqSatSclFac Uls u2p14[1][5] 21299 t2_CurrParamLqSatSclFac_Uls_u2p14[1][6] 22938 t2 CurrParamLqSatSclFac Uls u2p14[2][0] 24576 t2_CurrParamLqSatSclFac_Uls_u2p14[2][1] 26214 t2 CurrParamLqSatSclFac Uls u2p14[2][2] 27853 t2_CurrParamLqSatSclFac_Uls_u2p14[2][3] 29491 t2_CurrParamLqSatSclFac_Uls_u2p14[2][4] 31130 t2_CurrParamLqSatSclFac_Uls_u2p14[2][5] 31949 t2_CurrParamLqSatSclFac_Uls_u2p14[2][6] 32768 t2_CurrParamLqSatSclFac_Uls_u2p14[3][0] 3277 t2_CurrParamLqSatSclFac_Uls_u2p14[3][1] 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[3][2] 8192 t2_CurrParamLqSatSclFac_Uls_u2p14[3][3] 11469 14746 t2 CurrParamLqSatSclFac Uls u2p14[3][4] $t2_CurrParamLqSatSclFac_Uls_u2p14[3][5]$ 29491 t2_CurrParamLqSatSclFac_Uls_u2p14[3][6] 31130 t2_CurrParamLqSatSclFac_Uls_u2p14[4][0] 1638 3277 t2 CurrParamLqSatSclFac Uls u2p14[4][1] t2_CurrParamLqSatSclFac_Uls_u2p14[4][2] 4915 t2 CurrParamLqSatSclFac Uls u2p14[4][3] 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[4][4] 8192 t2_CurrParamLqSatSclFac_Uls_u2p14[4][5] 9830 t2_CurrParamLqSatSclFac_Uls_u2p14[4][6] 11469 t2_CurrParamLqSatSclFac_Uls_u2p14[5][0] 13107

14746

 $t2_CurrParamLqSatSclFac_Uls_u2p14[5][1]$

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Name	Input Value		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][2]	16384		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][3]	18022		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][4]	19661		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][5]	21299		
t2_CurrParamLqSatSclFac_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 5120		
t_CurrParamCompQaxRef_Amp_u9p7[3]			
t_CurrParamCompQaxRef_Amp_u9p7[4] t_CurrParamCompQaxRef_Amp_u9p7[5]	7680		
	8960		
t_CurrParamCompQaxRef_Amp_u9p7[6] t_KeSatTbIX_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 0		
t_KeSatTblY_Uls_u2p14[13]	0		
t_KeSatTbIY_Uls_u2p14[14] t KeSatTbIY 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	3 f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt CurrParamComp Per1_EstNe_vpRadpS_f32 tgt CurrParamComp Per1 EstLd Henry f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f3		
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:	1	Amp f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3			
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	1	1	, too and
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	•

0.0189999994

0.0189999994

 $tgt_CurrParamComp_Per1_EstR_Ohm_f32.value$





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	0.039999991
EstRFF_Ohm_M_f32	0.0253454
FastDataAccessBufIndex_Cnt_M_u16	1
MtrEstKe_VpRadpS_M_f32[0]	0.029999993
MtrEstKe_VpRadpS_M_f32[1]	0.0309999995
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
_MaxKeRngLmt_VpRadpS_f32	0.0719999969
c_MaxLdRngLmt_Henry_f32	0.000150000007
MaxLqRngLmt Henry f32	9.9999975e-005
: MaxRRngLmt Ohm f32	0.019999996
 :_MinKeRngLmt_VpRadpS_f32	0.061999999
	0.000190000006
<pre>c_minLqRngLmt_Henry_f32</pre>	3.999999e-005
C_MinRRngLmt_Ohm_f32	0.023
C_NomLd_Henry_f32	9.99999975e-005
NomLq_Henry_f32	0.00023999994
2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830
2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384
2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022
2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661
2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299
2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938
2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576
2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214
2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853
2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491
2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130
2_CurrParamLdSatScIFac_Uls_u2p14[2][5]	31949
2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768
2_CurrParamLdSatSciFac_Uis_u2p14[2][0] 2 CurrParamLdSatSciFac_Uis_u2p14[3][0]	3277
	6554
2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	
2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[3][5]	29491
2_CurrParamLdSatSclFac_Uls_u2p14[3][6]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[4][0]	1638
2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[4][2]	4915
2_CurrParamLdSatSclFac_Uls_u2p14[4][3]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830
2_CurrParamLdSatSclFac_Uls_u2p14[4][6]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	13107
2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	16384
2 CurrParamLdSatScIFac Uls u2p14[5][3]	18022
2_CurrParamLdSatSclFac_Uls_u2p14[5][4]	19661
2_CurrParamLdSatSciFac_Uls_u2p14[5][5]	21299
	22938
2_CurrParamLdSatSclFac_Uls_u2p14[5][6]	
2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	1638
2_CurrParamLqSatSclFac_Uls_u2p14[0][1]	3277

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CurraramComp_reri		
Name	Input Value	
t2_CurrParamLqSatSclFac_Uls_u2p14[0][3]	6554	
2_CurrParamLqSatSclFac_Uls_u2p14[0][4]	8192	
t2_CurrParamLqSatSclFac_Uls_u2p14[0][5]	9830	
t2_CurrParamLqSatSclFac_Uls_u2p14[0][6]	11469	
t2_CurrParamLqSatSclFac_Uls_u2p14[1][0]	13107	
t2_CurrParamLqSatSclFac_Uls_u2p14[1][1]	14746	
t2_CurrParamLqSatSclFac_Uls_u2p14[1][2]	16384	
t2_CurrParamLqSatSclFac_Uls_u2p14[1][3]	18022	
t2_CurrParamLqSatSclFac_Uls_u2p14[1][4]	19661	
t2_CurrParamLqSatSclFac_Uls_u2p14[1][5]	21299	
t2_CurrParamLqSatScIFac_Uls_u2p14[1][6]	22938	
	24576	
t2_CurrParamLqSatSclFac_Uls_u2p14[2][0]		
t2_CurrParamLqSatSclFac_Uls_u2p14[2][1]	26214	
t2_CurrParamLqSatSclFac_Uls_u2p14[2][2]	27853	
t2_CurrParamLqSatSclFac_Uls_u2p14[2][3]	29491	
t2_CurrParamLqSatSclFac_Uls_u2p14[2][4]	31130	
t2_CurrParamLqSatSclFac_Uls_u2p14[2][5]	31949	
t2_CurrParamLqSatSclFac_Uls_u2p14[2][6]	32768	
t2_CurrParamLqSatSclFac_Uls_u2p14[3][0]	3277	
t2_CurrParamLqSatSclFac_Uls_u2p14[3][1]	6554	
t2_CurrParamLqSatSclFac_Uls_u2p14[3][2]	8192	
t2_CurrParamLqSatSclFac_Uls_u2p14[3][3]	11469	
t2_CurrParamLqSatSclFac_Uls_u2p14[3][4]	14746	
t2_CurrParamLqSatSclFac_Uls_u2p14[3][5]	29491	
t2_CurrParamLqSatSclFac_Uls_u2p14[3][6]	31130	
t2_CurrParamLqSatSclFac_Uls_u2p14[4][0]	1638	
t2_CurrParamLqSatSclFac_Uls_u2p14[4][1]	3277	
t2_CurrParamLqSatSclFac_Uls_u2p14[4][2]	4915	
t2_CurrParamLqSatSclFac_Uls_u2p14[4][3]	6554	
t2_CurrParamLqSatSclFac_Uls_u2p14[4][4]	8192	
t2_CurrParamLqSatSclFac_Uls_u2p14[4][5]	9830	
	11469	
t2_CurrParamLqSatSclFac_Uls_u2p14[4][6]		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][0]	13107	
t2_CurrParamLqSatSclFac_Uls_u2p14[5][1]	14746	
t2_CurrParamLqSatSclFac_Uls_u2p14[5][2]	16384	
t2_CurrParamLqSatSclFac_Uls_u2p14[5][3]	18022	
t2_CurrParamLqSatSclFac_Uls_u2p14[5][4]	19661	
t2_CurrParamLqSatSclFac_Uls_u2p14[5][5]	21299	
t2_CurrParamLqSatSclFac_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	
	4224	
t_CurrParamCompQaxRef_Amp_u9p7[2]		
t_CurrParamCompQaxRef_Amp_u9p7[3]	5632	
t_CurrParamCompQaxRef_Amp_u9p7[4]	7040	
t_CurrParamCompQaxRef_Amp_u9p7[5]	8448	
t_CurrParamCompQaxRef_Amp_u9p7[6]	9856	
:_KeSatTblX_Amp_u9p7[0]	1408	
:_KeSatTblX_Amp_u9p7[1]	2816	
_KeSatTblX_Amp_u9p7[2]	4224	
_KeSatTblX_Amp_u9p7[3]	5632	
_KeSatTblX_Amp_u9p7[4]	7040	
KeSatTblX_Amp_u9p7[5]	8448	
r_KeSatTblX_Amp_u9p7[6]	9856	
KeSatTblX_Amp_u9p7[7]	11264	
_rcedat188tmp_dsp1[r] _KeSatTblX_Amp_u9p7[8]	12672	
_KeSatTblX_Amp_u9p7[9]	14080	
	15360	
_KeSatTblX_Amp_u9p7[10]		
_KeSatTblX_Amp_u9p7[11]	16640	
_KeSatTblX_Amp_u9p7[12]	17920	
_KeSatTblX_Amp_u9p7[13]	19200	
_KeSatTblX_Amp_u9p7[14]	20480	
_KeSatTblX_Amp_u9p7[15]	21760	
_KeSatTblY_Uls_u2p14[0]	32768	
KeSatTblY_Uls_u2p14[1]	32768	
KeSatTblY_Uls_u2p14[2]	32768	
_1000011011_013_02014[2]		
t_KeSatTblY_Uls_u2p14[3]	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	-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	S_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f3	2		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f3	2		
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		
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3000000000000000000000000000000000000$	3: tgt_CurrParamComp_Per1_MtrCurrQaxRef_	_Ampf32		
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 ± 0.00000000	009	✓
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				V
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	0.063000001
k_MinLdRngLmt_Henry_f32	0.00019999995
k_MinLqRngLmt_Henry_f32	4.9999987e-005
k_MinRRngLmt_Ohm_f32	0.0240000002
k_NomLd_Henry_f32	0.000110000001
k_NomLq_Henry_f32	0.000250000012
t2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853

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Curraramcomp_reri		
Name	Input Value	
2 CurrParamLdSatSclFac Uls u2p14[2][3]	29491	
2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130	
2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949	
2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768	
2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	3277	
2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	6554	
2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	8192	
2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	11469	
2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	14746	
2_CurrParamLdSatSclFac_Uls_u2p14[3][5]	29491	
2_CurrParamLdSatScIFac_0is_uzp14[3][5] 2 CurrParamLdSatScIFac Uls u2p14[3][6]		
	31130	
2_CurrParamLdSatSclFac_Uls_u2p14[4][0]	1638	
2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277	
2_CurrParamLdSatSclFac_Uls_u2p14[4][2]	4915	
2_CurrParamLdSatSclFac_Uls_u2p14[4][3]	6554	
2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192	
2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830	
2_CurrParamLdSatSclFac_Uls_u2p14[4][6]	11469	
2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	13107	
2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	14746	
2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	16384	
2_CurrParamLdSatSclFac_Uls_u2p14[5][3]	18022	
2_CurrParamLdSatSclFac_Uls_u2p14[5][4]	19661	
2_CurrParamLdSatSclFac_Uls_u2p14[5][5]	21299	
2_CurrParamLdSatSclFac_Uls_u2p14[5][6]	22938	
2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	1638	
2_CurrParamLqSatSclFac_Uls_u2p14[0][1]	3277	
2_CurrParamLqSatSclFac_Uls_u2p14[0][2]	4915	
2_CurrParamLqSatSclFac_Uls_u2p14[0][3]	6554	
2_CurrParamLqSatSclFac_Uls_u2p14[0][4]	8192	
2_CurrParamLqSatSclFac_Uls_u2p14[0][5]	9830	
2_CurrParamLqSatSclFac_Uls_u2p14[0][6]	11469	
2_CurrParamLqSatSclFac_Uls_u2p14[1][0]	13107	
2_CurrParamLqSatSclrac_Uls_u2p14[1][1]	14746	
	16384	
2_CurrParamLqSatSclFac_Uls_u2p14[1][2]	18022	
2_CurrParamLqSatSclFac_Uls_u2p14[1][3]		
2_CurrParamLqSatSclFac_Uls_u2p14[1][4]	19661	
2_CurrParamLqSatSclFac_Uls_u2p14[1][5]	21299	
2_CurrParamLqSatSclFac_Uls_u2p14[1][6]	22938	
2_CurrParamLqSatSclFac_Uls_u2p14[2][0]	24576	
2_CurrParamLqSatSclFac_Uls_u2p14[2][1]	26214	
2_CurrParamLqSatSclFac_Uls_u2p14[2][2]	27853	
2_CurrParamLqSatSclFac_Uls_u2p14[2][3]	29491	
2_CurrParamLqSatSclFac_Uls_u2p14[2][4]	31130	
2_CurrParamLqSatSclFac_Uls_u2p14[2][5]	31949	
2_CurrParamLqSatSclFac_Uls_u2p14[2][6]	32768	
2_CurrParamLqSatSclFac_Uls_u2p14[3][0]	3277	
2_CurrParamLqSatSclFac_Uls_u2p14[3][1]	6554	
2_CurrParamLqSatSclFac_Uls_u2p14[3][2]	8192	
2_CurrParamLqSatSclFac_Uls_u2p14[3][3]	11469	
2_CurrParamLqSatSclFac_Uls_u2p14[3][4]	14746	
2_CurrParamLqSatSclFac_Uls_u2p14[3][5]	29491	
2_CurrParamLqSatSclFac_Uls_u2p14[3][6]	31130	
2_CurrParamLqSatSclFac_Uls_u2p14[4][0]	1638	
2 CurrParamLqSatScIFac Uls u2p14[4][1]	3277	
2_CurrParamLqSatSclFac_Uls_u2p14[4][2]	4915	
2_CurrParamLqSatSclFac_Uls_u2p14[4][3]	6554	
2_CurrParamLqSatSclFac_Uls_u2p14[4][4]	8192	
2_CurrParamLqSatSclFac_Uls_u2p14[4][5]	9830	
2_CurrParamLqSatSclFac_Uls_u2p14[4][6]	11469	
z_CurrParamLqSatSciPac_Uis_uzp14[4][6] 2_CurrParamLqSatSciPac_Uis_u2p14[5][0]	13107	
z_CurrParamLqSatSciPac_ois_uzp14[5][0] 2_CurrParamLqSatSciPac_Uls_u2p14[5][1]	14746	
	16384	
2_CurrParamLqSatSclFac_Uls_u2p14[5][2]		
2_CurrParamLqSatSclFac_Uls_u2p14[5][3]	18022	
2_CurrParamLqSatSclFac_Uls_u2p14[5][4]	19661	
2_CurrParamLqSatSclFac_Uls_u2p14[5][5]	21299	
2_CurrParamLqSatSclFac_Uls_u2p14[5][6]	22938	
_CurrParamCompDaxRef_Amp_u9p7[0]	8960	
_CurrParamCompDaxRef_Amp_u9p7[1]	10240	
_CurrParamCompDaxRef_Amp_u9p7[2]	11520	
_CurrParamCompDaxRef_Amp_u9p7[3]	12800	
	14080	
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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
Nama	Actual Value Expected Value Beguit

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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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CurreraniComp_reri		
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	0.0099999978	
k_MinKeRngLmt_VpRadpS_f32	0.064000003	
k_MinLdRngLmt_Henry_f32	0.00020999998	
k_MinLqRngLmt_Henry_f32	5.9999985e-005	
k_MinRRngLmt_Ohm_f32	0.0250000004	
k_NomLd_Henry_f32	0.000119999997	
k_NomLq_Henry_f32	0.00260000001	
t2 CurrParamLdSatSclFac Uls u2p14[0][0]	1638	
	3277	
t2_CurrParamLdSatSclFac_Uls_u2p14[0][1]		
t2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915	
t2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554	
t2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192	
t2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830	
t2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469	
t2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107	
t2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746	
t2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384	
t2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022	
t2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661	
t2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299	
t2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938	
t2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576	
t2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214	
t2 CurrParamLdSatSclFac UIs u2p14[2][2]	27853	
t2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491	
t2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130	
t2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949	
t2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768	
t2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	3277	
	6554	
t2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	8192	
t2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	11469	
t2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	14746	
t2_CurrParamLdSatSclFac_Uls_u2p14[3][4]		
t2_CurrParamLdSatSclFac_Uls_u2p14[3][5]	29491	
t2_CurrParamLdSatSclFac_Uls_u2p14[3][6]	31130	
t2_CurrParamLdSatSclFac_Uls_u2p14[4][0]	1638	
t2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277	
t2_CurrParamLdSatSclFac_Uls_u2p14[4][2]	4915	
t2_CurrParamLdSatSclFac_Uls_u2p14[4][3]	6554	
t2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192	
t2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830	
t2_CurrParamLdSatSclFac_Uls_u2p14[4][6]	11469	
t2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	13107	
t2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	14746	
t2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	16384	
t2_CurrParamLdSatSclFac_Uls_u2p14[5][3]	18022	
t2_CurrParamLdSatSclFac_Uls_u2p14[5][4]	19661	
t2_CurrParamLdSatSclFac_Uls_u2p14[5][5]	21299	
t2_CurrParamLdSatSclFac_Uls_u2p14[5][6]	22938	
t2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	1638	
t2_CurrParamLqSatSclFac_Uls_u2p14[0][1]	3277	
t2_CurrParamLqSatSclFac_Uls_u2p14[0][2]	4915	
t2_CurrParamLqSatSclFac_Uls_u2p14[0][3]	6554	
t2_CurrParamLqSatSclFac_Uls_u2p14[0][4]	8192	
t2_CurrParamLqSatSciFac_Uis_u2p14[0][4]	9830	
	11469	
t2_CurrParamLqSatSclFac_Uls_u2p14[0][6]	13107	
t2_CurrParamLqSatSclFac_Uls_u2p14[1][0]		
t2_CurrParamLqSatSclFac_Uls_u2p14[1][1]	14746	
t2_CurrParamLqSatSclFac_Uls_u2p14[1][2]	16384	
t2_CurrParamLqSatSclFac_Uls_u2p14[1][3]	18022	
t2_CurrParamLqSatSclFac_Uls_u2p14[1][4]	19661	
t2_CurrParamLqSatSclFac_Uls_u2p14[1][5]	21299	
t2_CurrParamLqSatSclFac_Uls_u2p14[1][6]	22938	
t2_CurrParamLqSatSclFac_Uls_u2p14[2][0]	24576	
t2_CurrParamLqSatSclFac_Uls_u2p14[2][1]	26214	
t2_CurrParamLqSatSclFac_Uls_u2p14[2][2]	27853	
t2_CurrParamLqSatSclFac_Uls_u2p14[2][3]	29491	
t2_CurrParamLqSatSclFac_Uls_u2p14[2][4]	31130	
t2_CurrParamLqSatSclFac_Uls_u2p14[2][5]	31949	

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Input Value t2 CurrParamLqSatSclFac Uls u2p14[2][6] 32768 3277 t2_CurrParamLqSatSclFac_Uls_u2p14[3][0] t2 CurrParamLqSatSclFac Uls u2p14[3][1] 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[3][2] 8192 t2 CurrParamLqSatSclFac_Uls_u2p14[3][3] 11469 t2_CurrParamLqSatSclFac_Uls_u2p14[3][4] 14746 t2 CurrParamLqSatSclFac Uls u2p14[3][5] 29491 t2_CurrParamLqSatSclFac_Uls_u2p14[3][6] 31130 t2_CurrParamLqSatSclFac_Uls_u2p14[4][0] 1638 $t2_CurrParamLqSatSclFac_Uls_u2p14[4][1]$ 3277 t2_CurrParamLqSatSclFac_Uls_u2p14[4][2] 4915 $t2_CurrParamLqSatSclFac_Uls_u2p14[4][3]$ 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[4][4] 8192 t2_CurrParamLqSatSclFac_Uls_u2p14[4][5] 9830 t2_CurrParamLqSatSclFac_Uls_u2p14[4][6] 11469 13107 t2_CurrParamLqSatSclFac_Uls_u2p14[5][0] t2_CurrParamLqSatSclFac_Uls_u2p14[5][1] 14746 16384 t2 CurrParamLqSatSclFac Uls u2p14[5][2] t2_CurrParamLqSatSclFac_Uls_u2p14[5][3] 18022 t2_CurrParamLqSatSclFac_Uls_u2p14[5][4] 19661 t2_CurrParamLqSatSclFac_Uls_u2p14[5][5] 21299 t2_CurrParamLqSatSclFac_Uls_u2p14[5][6] 22938 t_CurrParamCompDaxRef_Amp_u9p7[0] n 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 24320 t CurrParamCompQaxRef Amp u9p7[0] $t_CurrParamCompQaxRef_Amp_u9p7[1]$ 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 1280 t_KeSatTblX_Amp_u9p7[0] t_KeSatTblX_Amp_u9p7[1] 2560 3840 t_KeSatTblX_Amp_u9p7[2] t_KeSatTblX_Amp_u9p7[3] 5120 t_KeSatTblX_Amp_u9p7[4] 6400 t_KeSatTblX_Amp_u9p7[5] 7680 8960 t_KeSatTblX_Amp_u9p7[6] 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 14623 t_KeSatTblY_Uls_u2p14[12] t_KeSatTblY_Uls_u2p14[13] 14909 t_KeSatTblY_Uls_u2p14[14] 14982 t_KeSatTblY_Uls_u2p14[15] 16356 tot 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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Name	Input Value		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_t	3: tgt_CurrParamComp_Per1_MtrCurrDaxRef_	_Ampf32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_	3: 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]	0.0710000023	0.0710000023	~
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.064000003	0.064000003	•
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000209999998	0.000209999998 ± 0.0000000009	~
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	5.9999985e-005	5.9999985e-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	~

Name	Input Value
EstKeFF VpRadpS M f32	0.0430000015
EstRFF_Ohm_M_f32	0.0234534498
FastDataAccessBufIndex_Cnt_M_u16	1
AtrEstKe VpRadpS M f32[0]	0.0649999976
MtrEstKe_VpRadpS_M_f32[1]	0.0689999983
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
MaxKeRngLmt_VpRadpS_f32	tgr_rte_inst_rp_curraramcomp 0.0540000014
	0.0018000003
_MaxLdRngLmt_Henry_f32	0.00013
_MaxLqRngLmt_Henry_f32	
Min(GRant V V Radia O 600	0.0109999999
MinKeRngLmt_VpRadpS_f32	0.0649999976
_MinLdRngLmt_Henry_f32	0.000220000002
_MinLqRngLmt_Henry_f32	7.0000019e-005
_MinRRngLmt_Ohm_f32	0.0260000005
_NomLd_Henry_f32	0.00013
C_NomLq_Henry_f32	0.00026999999
2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830
2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384
2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022
2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661
2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299
2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938
2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576
2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214
2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853
2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491
2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949
2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[3][5]	29491
2_CurrParamLdSatSclFac_Uls_u2p14[3][6]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[4][0]	1638
2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[4][2]	4915
2 CurrParamLdSatSclFac Uls u2p14[4][3]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830

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Input Value t2 CurrParamLdSatSclFac Uls u2p14[4][6] 11469 13107 t2_CurrParamLdSatSclFac_Uls_u2p14[5][0] t2 CurrParamLdSatSclFac Uls_u2p14[5][1] 14746 t2_CurrParamLdSatSclFac_Uls_u2p14[5][2] 16384 t2 CurrParamLdSatSclFac Uls u2p14[5][3] 18022 t2_CurrParamLdSatSclFac_Uls_u2p14[5][4] 19661 t2 CurrParamLdSatSclFac Uls u2p14[5][5] 21299 t2_CurrParamLdSatSclFac_Uls_u2p14[5][6] 22938 t2_CurrParamLqSatSclFac_Uls_u2p14[0][0] 1638 $t2_CurrParamLqSatSclFac_Uls_u2p14[0][1]$ 3277 t2_CurrParamLqSatSclFac_Uls_u2p14[0][2] 4915 $t2_CurrParamLqSatSclFac_Uls_u2p14[0][3]$ 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[0][4] 8192 t2_CurrParamLqSatSclFac_Uls_u2p14[0][5] 9830 t2_CurrParamLqSatSclFac_Uls_u2p14[0][6] 11469 t2 CurrParamLqSatSclFac Uls u2p14[1][0] 13107 t2_CurrParamLqSatSclFac_Uls_u2p14[1][1] 14746 16384 t2 CurrParamLqSatSclFac Uls u2p14[1][2] t2_CurrParamLqSatSclFac_Uls_u2p14[1][3] 18022 t2_CurrParamLqSatSclFac_Uls_u2p14[1][4] 19661 t2_CurrParamLqSatSclFac_Uls_u2p14[1][5] 21299 t2_CurrParamLqSatSclFac_Uls_u2p14[1][6] 22938 t2_CurrParamLqSatSclFac_Uls_u2p14[2][0] 24576 t2_CurrParamLqSatSclFac_Uls_u2p14[2][1] 26214 t2_CurrParamLqSatSclFac_Uls_u2p14[2][2] 27853 t2_CurrParamLqSatSclFac_Uls_u2p14[2][3] 29491 t2 CurrParamLqSatSclFac Uls u2p14[2][4] 31130 t2_CurrParamLqSatSclFac_Uls_u2p14[2][5] 31949 t2 CurrParamLqSatSclFac Uls u2p14[2][6] 32768 t2_CurrParamLqSatSclFac_Uls_u2p14[3][0] 3277 t2 CurrParamLqSatSclFac Uls u2p14[3][1] 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[3][2] 8192 t2 CurrParamLqSatSclFac Uls u2p14[3][3] 11469 t2_CurrParamLqSatSclFac_Uls_u2p14[3][4] 14746 t2_CurrParamLqSatSclFac_Uls_u2p14[3][5] 29491 31130 t2_CurrParamLqSatSclFac_Uls_u2p14[3][6] t2_CurrParamLqSatSclFac_Uls_u2p14[4][0] 1638 t2_CurrParamLqSatSclFac_Uls_u2p14[4][1] 3277 t2_CurrParamLqSatSclFac_Uls_u2p14[4][2] 4915 t2_CurrParamLqSatSclFac_Uls_u2p14[4][3] 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[4][4] 8192 t2 CurrParamLqSatSclFac_Uls_u2p14[4][5] 9830 t2_CurrParamLqSatSclFac_Uls_u2p14[4][6] 11469 t2_CurrParamLqSatSclFac_Uls_u2p14[5][0] 13107 $t2_CurrParamLqSatSclFac_Uls_u2p14[5][1]$ 14746 t2_CurrParamLqSatSclFac_Uls_u2p14[5][2] 16384 t2 CurrParamLqSatSclFac Uls u2p14[5][3] 18022 t2_CurrParamLqSatSclFac_Uls_u2p14[5][4] 19661 t2 CurrParamLqSatSclFac Uls u2p14[5][5] 21299 t2_CurrParamLqSatSclFac_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 7680 t CurrParamCompQaxRef Amp u9p7[5] t_CurrParamCompQaxRef_Amp_u9p7[6] 8960 1408 t_KeSatTblX_Amp_u9p7[0] 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

14080

t_KeSatTblX_Amp_u9p7[9]

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Name	Input Value
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	-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_f3:	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32

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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				V
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	0.043999998
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_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830

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Name	Input Value	
t2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469	
t2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107	
t2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746	
t2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384	
t2 CurrParamLdSatScIFac Uls u2p14[1][3]	18022	
t2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661	
t2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299	
t2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938	
t2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576	
t2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214	
t2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853	
t2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491	
t2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130	
t2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949	
t2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768	
t2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	3277	
t2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	6554	
t2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	8192	
t2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	11469	
t2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	14746	
t2_CurrParamLdSatSclFac_Uls_u2p14[3][5]	29491	
t2_CurrParamLdSatSclFac_Uls_u2p14[3][6]	31130	
t2_CurrParamLdSatSclFac_Uls_u2p14[4][0]	1638	
t2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277	
t2_CurrParamLdSatSclFac_Uls_u2p14[4][2]	4915	
t2_CurrParamLdSatSclFac_Uls_u2p14[4][3]	6554	
t2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192	
t2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830	
t2_CurrParamLdSatSclFac_Uls_u2p14[4][6]	11469	
t2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	13107	
t2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	14746	
t2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	16384	
t2_CurrParamLdSatSclFac_Uls_u2p14[5][3]	18022	
t2_CurrParamLdSatSclFac_Uls_u2p14[5][4]	19661	
t2_CurrParamLdSatSclFac_Uls_u2p14[5][5]	21299	
t2_CurrParamLdSatSclFac_Uls_u2p14[5][6]	22938	
t2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	1638	
t2_CurrParamLqSatSclFac_Uls_u2p14[0][1]	3277	
t2_CurrParamLqSatSclFac_Uls_u2p14[0][2]	4915	
t2_CurrParamLqSatSclFac_Uls_u2p14[0][3]	6554	
t2_CurrParamLqSatSclFac_Uls_u2p14[0][4]	8192	
t2_CurrParamLqSatSclFac_Uls_u2p14[0][5]	9830	
t2_CurrParamLqSatSclFac_Uls_u2p14[0][6]	11469	
t2_CurrParamLqSatSclFac_Uls_u2p14[1][0]	13107	
t2_CurrParamLqSatSclFac_Uls_u2p14[1][1]	14746	
t2_CurrParamLqSatSclFac_Uls_u2p14[1][2]	16384	
t2 CurrParamLqSatSclFac Uls u2p14[1][3]	18022	
t2_CurrParamLqSatSclFac_Uls_u2p14[1][4]	19661	
t2_CurrParamLqSatSclFac_Uls_u2p14[1][5]	21299	
t2_CurrParamLqSatSclFac_Uls_u2p14[1][6]	22938	
t2_CurrParamLqSatSclFac_Uls_u2p14[2][0]	24576	
t2 CurrParamLqSatSclFac UIs u2p14[2][1]	26214	
t2_CurrParamLqSatSclFac_Uls_u2p14[2][2]	27853	
t2 CurrParamLqSatScIFac Uls u2p14[2][3]	29491	
t2_CurrParamLqSatSclFac_Uls_u2p14[2][4]	31130	
t2_CurrParamLqSatSclFac_Uls_u2p14[2][5]	31949	
t2_CurrParamLqSatSclFac_Uls_u2p14[2][6]	32768	
t2_CurrParamLqSatSclFac_Uls_u2p14[3][0]	3277	
t2_CurrParamLqSatSclFac_Uls_u2p14[3][1]	6554	
t2_CurrParamLqSatSclFac_Uls_u2p14[3][2]	8192	
t2_CurrParamLqSatSclFac_Uls_u2p14[3][3]	11469	
t2_CurrParamLqSatSclFac_Uls_u2p14[3][4]	14746	
t2_CurrParamLqSatSclFac_Uls_u2p14[3][5]	29491	
t2_CurrParamLqSatSclFac_Uls_u2p14[3][6]	31130	
t2_CurrParamLqSatSclFac_Uls_u2p14[4][0]	1638	
t2_CurrParamLqSatSclFac_Uls_u2p14[4][1]	3277	
t2_CurrParamLqSatSclFac_Uls_u2p14[4][2]	4915	
t2_CurrParamLqSatSclFac_Uls_u2p14[4][3]	6554	
t2_CurrParamLqSatSclFac_Uls_u2p14[4][4]	8192	
t2_CurrParamLqSatSclFac_Uls_u2p14[4][5]	9830	
t2_CurrParamLqSatSclFac_Uls_u2p14[4][6]	11469	
t2_CurrParamLqSatSclFac_Uls_u2p14[5][0]	13107	
t2_CurrParamLqSatSclFac_Uls_u2p14[5][1]	14746	
a_oa arameqoatoon ao_oto_uzp1+[o][1]	17170	

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		•	
Name	Input Value		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][2]	16384		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][3]	18022		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][4]	19661		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][5]	21299		
t2_CurrParamLqSatSclFac_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_KeSatTbIX_Amp_u9p7[11]	14720		
t_KeSatTblX_Amp_u9p7[12]	16000		
t_KeSatTbIX_Amp_u9p7[13]	17280		
t_KeSatTbIX_Amp_u9p7[14]	18560		
t_KeSatTbIX_Amp_u9p7[15]	19840		
t_KeSatTblY_Uls_u2p14[0]	4096 5734		
t_KeSatTblY_Uls_u2p14[1]	7373		
t_KeSatTblY_Uls_u2p14[2] 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	s_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f3:	_	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f33		
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:		Amp_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3:			
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	0	0	~
MtrEstKe_VpRadpS_M_f32[0]	0.0659999996	0.0659999996	~
MtrEstKe_VpRadpS_M_f32[1]	0.0270000007	0.0270000007	~
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0659999996	0.0659999996	✓
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000230000005	0.000230000005 ± 0.0000000009	~
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	7.999998e-005	7.999998e-005 ± 0.0625	~
Ant Company Company Dark EstD. Ohre 100 colors	0.040000004	0.040000004	

0.0120000001

0.0120000001

tgt_CurrParamComp_Per1_EstR_Ohm_f32.value





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)	Immut Value
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
c_MaxKeRngLmt_VpRadpS_f32	0.0560000017
C_MaxLdRngLmt_Henry_f32	0.000199999995
C_MaxLqRngLmt_Henry_f32	0.000150000007
_MaxRRngLmt_Ohm_f32	0.0130000003
_MinKeRngLmt_VpRadpS_f32	0.0670000017
_MinLdRngLmt_Henry_f32	0.000220000002
_MinLqRngLmt_Henry_f32	9.0000014e-005
C_MinRRngLmt_Ohm_f32	0.0280000009
	0.000150000007
NomLq_Henry_f32	0.000289999996
2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
2 CurrParamLdSatScIFac Uls u2p14[0][1]	3277
2_CurrParamLdSatScIFac_Uis_uzp14[0][1] 2 CurrParamLdSatScIFac Uis u2p14[0][2]	4915
2_CurrParamLdSatSciPac_ois_uzp14[0][2] 2 CurrParamLdSatSciPac Uls u2p14[0][3]	6554
	8192
2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	9830
2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	
2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384
2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022
2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661
2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299
2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938
2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576
2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214
2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853
2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491
2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949
2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	3277
2 CurrParamLdSatSclFac Uls u2p14[3][1]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	14746
2_CurrParamLdSatSciFac_Uls_u2p14[3][5]	29491
z_currParamLdSatScIPac_UIs_uzp14[3][6]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[4][0]	1638
2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[4][2]	4915
2_CurrParamLdSatSclFac_Uls_u2p14[4][3]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830
2_CurrParamLdSatSclFac_Uls_u2p14[4][6]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	13107
2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	16384
2_CurrParamLdSatSclFac_Uls_u2p14[5][3]	18022
2_CurrParamLdSatSclFac_Uls_u2p14[5][4]	19661
2_CurrParamLdSatSclFac_Uls_u2p14[5][5]	21299
2_CurrParamLdSatSclFac_Uls_u2p14[5][6]	22938
2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	1638
2_CurrParamLqSatSclFac_Uls_u2p14[0][1]	3277
2_CurrParamLqSatSclFac_Uls_u2p14[0][2]	4915

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Name	Input Value	
t2_CurrParamLqSatSclFac_Uls_u2p14[0][3]	6554	
t2_CurrParamLqSatSclFac_Uls_u2p14[0][4]	8192	
t2_CurrParamLqSatSclFac_Uls_u2p14[0][5]	9830	
t2_CurrParamLqSatSclFac_Uls_u2p14[0][6]	11469	
t2_CurrParamLqSatSclFac_Uls_u2p14[1][0]	13107	
t2_CurrParamLqSatSclFac_Uls_u2p14[1][1]	14746	
t2_CurrParamLqSatSclFac_Uls_u2p14[1][2]	16384	
t2_CurrParamLqSatSclFac_Uls_u2p14[1][3]	18022	
t2_CurrParamLqSatScIFac_Uls_u2p14[1][4]	19661	
t2_CurrParamLqSatSclFac_Uls_u2p14[1][5]	21299	
t2_CurrParamLqSatScIFac_Uls_u2p14[1][6]	22938	
t2_CurrParamLqSatSclFac_Uls_u2p14[1][0]	24576	
t2_CurrParamLqSatSclFac_Uls_u2p14[2][1]	26214	
t2_CurrParamLqSatSclFac_Uls_u2p14[2][2]	27853	
t2_CurrParamLqSatSclFac_Uls_u2p14[2][3]	29491	
t2_CurrParamLqSatSclFac_Uls_u2p14[2][4]	31130	
t2_CurrParamLqSatSclFac_Uls_u2p14[2][5]	31949	
t2_CurrParamLqSatSclFac_Uls_u2p14[2][6]	32768	
t2_CurrParamLqSatSclFac_Uls_u2p14[3][0]	3277	
t2_CurrParamLqSatSclFac_Uls_u2p14[3][1]	6554	
t2_CurrParamLqSatSclFac_Uls_u2p14[3][2]	8192	
t2_CurrParamLqSatSclFac_Uls_u2p14[3][3]	11469	
t2_CurrParamLqSatSclFac_Uls_u2p14[3][4]	14746	
t2_CurrParamLqSatSclFac_Uls_u2p14[3][5]	29491	
t2_CurrParamLqSatSclFac_Uls_u2p14[3][6]	31130	
t2_CurrParamLqSatSclFac_Uls_u2p14[4][0]	1638	
t2_CurrParamLqSatSclFac_Uls_u2p14[4][1]	3277	
t2 CurrParamLqSatSclFac Uls u2p14[4][2]	4915	
t2_CurrParamLqSatSclFac_Uls_u2p14[4][3]	6554	
t2_CurrParamLqSatSclFac_Uls_u2p14[4][4]	8192	
t2_CurrParamLqSatSclFac_Uls_u2p14[4][5]	9830	
t2_CurrParamLqSatSclFac_Uls_u2p14[4][6]	11469	
t2_CurrParamLqSatSclFac_Uls_u2p14[5][0]	13107	
t2_CurrParamLqSatSclFac_Uls_u2p14[5][1]	14746	
t2_CurrParamLqSatScIFac_Uls_u2p14[5][2]	16384	
t2_CurrParamLqSatSclFac_Uls_u2p14[5][3]	18022	
t2_CurrParamLqSatScIFac_Uls_u2p14[5][4]	19661	
	21299	
t2_CurrParamLqSatSclFac_Uls_u2p14[5][5]	22938	
t2_CurrParamLqSatSclFac_Uls_u2p14[5][6]		
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_KeSatTbiX_Amp_u9p7[8]	11520	
	12800	
t_KeSatTblX_Amp_u9p7[9]		
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	
	2294	
t_KeSatTblY_Uls_u2p14[2]		
t_KeSatTblY_Uis_u2p14[2] t_KeSatTblY_Uis_u2p14[3]	1802	

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Name	Input Value		
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	-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	2	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32	2	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3222222222222222222222222222222222222$	tgt_CurrParamComp_Per1_MtrCurrDaxRef_A	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]	0.0670000017	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				V
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]	0.029999993
MtrEstKe_VpRadpS_M_f32[1]	0.030999995
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	9.9999975e-005
k_MinRRngLmt_Ohm_f32	0.0289999992
k_NomLd_Henry_f32	0.000159999996
k_NomLq_Henry_f32	0.000300000014
t2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853

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Name	Input Value
2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491
2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949
2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	11469
2 CurrParamLdSatScIFac Uls u2p14[3][4]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[3][5]	29491
2_CurrParamLdSatSclFac_Uls_u2p14[3][6]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[4][0]	1638
2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[4][2]	4915
2_CurrParamLdSatSclFac_Uls_u2p14[4][3]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830
2_CurrParamLdSatSclFac_Uls_u2p14[4][6]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	13107
2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	16384
2_CurrParamLdSatSclFac_Uls_u2p14[5][3]	18022
2_CurrParamLdSatSclFac_Uls_u2p14[5][4]	19661
2_CurrParamLdSatSclFac_Uls_u2p14[5][5]	21299
2_CurrParamLdSatSclFac_Uls_u2p14[5][6]	22938
2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	1638
2 CurrParamLqSatSclFac Uls u2p14[0][1]	3277
2 CurrParamLqSatSclFac Uls u2p14[0][2]	4915
2_CurrParamLqSatSclFac_Uls_u2p14[0][3]	6554
2_CurrParamLqSatSclFac_Uls_u2p14[0][4]	8192
2_CurrParamLqSatSclFac_Uls_u2p14[0][5]	9830
2_CurrParamLqSatSclFac_Uls_u2p14[0][6]	11469
2_CurrParamLqSatSclFac_Uls_u2p14[1][0]	13107
2_CurrParamLqSatSclFac_Uls_u2p14[1][1]	14746
2_CurrParamLqSatSclFac_Uls_u2p14[1][2]	16384
2_CurrParamLqSatSclFac_Uls_u2p14[1][3]	18022
2_CurrParamLqSatSclFac_Uls_u2p14[1][4]	19661
2_CurrParamLqSatSclFac_Uls_u2p14[1][5]	21299
2_CurrParamLqSatSclFac_Uls_u2p14[1][6]	22938
2_CurrParamLqSatSclFac_Uls_u2p14[2][0]	24576
2_CurrParamLqSatSclFac_Uls_u2p14[2][1]	26214
2_CurrParamLqSatSclFac_Uls_u2p14[2][2]	27853
2_CurrParamLqSatSclFac_Uls_u2p14[2][3]	29491
2_CurrParamLqSatSclFac_Uls_u2p14[2][4]	31130
2_CurrParamLqSatSclFac_Uls_u2p14[2][5]	31949
2_CurrParamLqSatSclFac_Uls_u2p14[2][6]	32768
2_CurrParamLqSatSclFac_Uls_u2p14[3][0]	3277
	6554
2_CurrParamLqSatSclFac_Uls_u2p14[3][1]	
2_CurrParamLqSatSclFac_Uls_u2p14[3][2]	8192
2_CurrParamLqSatSclFac_Uls_u2p14[3][3]	11469
2_CurrParamLqSatSclFac_Uls_u2p14[3][4]	14746
2_CurrParamLqSatSclFac_Uls_u2p14[3][5]	29491
2_CurrParamLqSatSclFac_Uls_u2p14[3][6]	31130
2_CurrParamLqSatSclFac_Uls_u2p14[4][0]	1638
2_CurrParamLqSatSclFac_Uls_u2p14[4][1]	3277
2_CurrParamLqSatSclFac_Uls_u2p14[4][2]	4915
2_CurrParamLqSatSclFac_Uls_u2p14[4][3]	6554
2_CurrParamLqSatSclFac_Uls_u2p14[4][4]	8192
2_CurrParamLqSatSclFac_Uls_u2p14[4][5]	9830
	11469
2_CurrParamLqSatSclFac_Uls_u2p14[5][0]	13107
currParamLqSatSclFac_Uls_u2p14[5][1]	14746
2_CurrParamLqSatSclFac_Uls_u2p14[5][2]	16384
:_CurrParamLqSatSciPac_Uis_u2p14[5][2]	18022
2_CurrParamLqSatSclFac_Uls_u2p14[5][4]	19661
2_CurrParamLqSatSclFac_Uls_u2p14[5][5]	21299
2_CurrParamLqSatSclFac_Uls_u2p14[5][6]	22938
_CurrParamCompDaxRef_Amp_u9p7[0]	1408
_CurrParamCompDaxRef_Amp_u9p7[1]	2816
_CurrParamCompDaxRef_Amp_u9p7[2]	4224
_CurrParamCompDaxRef_Amp_u9p7[3]	5632
_CurrParamCompDaxRef_Amp_u9p7[4]	7040
<u> </u>	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	S_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f3	2	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f3	2	
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

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Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	1	1	~
MtrEstKe_VpRadpS_M_f32[0]	0.029999993	0.029999993	•
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				V
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	0.0023999994
	0.0026999999
k_MinLqRngLmt_Henry_f32	
k_MinRRngLmt_Ohm_f32	0.029999993
k_NomLd_Henry_f32	0.00016999999
k_NomLq_Henry_f32	0.000310000003
t2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSclFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSclFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatSclFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSclFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSclFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSclFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSclFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSclFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSclFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[0][5]	9830
	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[0][6]	
t2_CurrParamLqSatSclFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSclFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSclFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSclFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSclFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSclFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSclFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSclFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSclFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSclFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatScIFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSclFac_Uls_u2p14[2][5]	31949

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Name	
	Input Value
2_CurrParamLqSatSclFac_Uls_u2p14[2][6]	32768
2_CurrParamLqSatSclFac_Uls_u2p14[3][0]	3277
2_CurrParamLqSatSclFac_Uls_u2p14[3][1]	6554
2_CurrParamLqSatSclFac_Uls_u2p14[3][2]	8192
2_CurrParamLqSatSclFac_Uls_u2p14[3][3]	11469
2_CurrParamLqSatSclFac_Uls_u2p14[3][4]	14746
2_CurrParamLqSatSclFac_Uls_u2p14[3][5]	29491
2_CurrParamLqSatScIFac_Uls_u2p14[3][6]	31130
2_CurrParamLqSatScIFac_Uls_u2p14[4][0]	1638
2_CurrParamLqSatSclFac_Uls_u2p14[4][1]	3277
2_CurrParamLqSatSclFac_Uls_u2p14[4][2]	4915
2_CurrParamLqSatSclFac_Uls_u2p14[4][3]	6554
2_CurrParamLqSatSclFac_Uls_u2p14[4][4]	8192
2_CurrParamLqSatSclFac_Uls_u2p14[4][5]	9830
2_CurrParamLqSatSclFac_Uls_u2p14[4][6]	11469
2_CurrParamLqSatSclFac_Uls_u2p14[5][0]	13107
2_CurrParamLqSatSclFac_Uls_u2p14[5][1]	14746
2_CurrParamLqSatSclFac_Uls_u2p14[5][2]	16384
2_CurrParamLqSatSclFac_Uls_u2p14[5][3]	18022
2_CurrParamLqSatSclFac_Uls_u2p14[5][4]	19661
2_CurrParamLqSatSclFac_Uls_u2p14[5][5]	21299
2_CurrParamLqSatSclFac_Uls_u2p14[5][6]	22938
:_CurrParamCompDaxRef_Amp_u9p7[0]	8960
:_CurrParamCompDaxRef_Amp_u9p7[1]	10240
_CurrParamCompDaxRef_Amp_u9p7[2]	11520
CurrParamCompDaxRef_Amp_u9p7[3]	12800
_CurrParamCompDaxRef_Amp_u9p7[4]	14080
_CurrParamCompDaxRef_Amp_u9p7[5]	15360
_CurrParamCompQaxRef_Amp_u9p7[0]	12800
_CurrParamCompQaxRef_Amp_u9p7[1]	12800
	12800
:_CurrParamCompQaxRef_Amp_u9p7[3]	12800
	12800
	12800
	12800
:_KeSatTblX_Amp_u9p7[0]	640
:_KeSatTblX_Amp_u9p7[1]	1920
:_KeSatTblX_Amp_u9p7[2]	3200
	4480
:_KeSatTblX_Amp_u9p7[3]	5760
t_KeSatTblX_Amp_u9p7[4]	
t_KeSatTblX_Amp_u9p7[5]	7040
:_KeSatTblX_Amp_u9p7[6]	8320
t_KeSatTblX_Amp_u9p7[7]	9600
t_KeSatTblX_Amp_u9p7[8]	10880
t_KeSatTblX_Amp_u9p7[9]	12160
:_KeSatTbIX_Amp_u9p7[10]	13440
t_KeSatTblX_Amp_u9p7[11]	14720
:_KeSatTblX_Amp_u9p7[12]	16000
:_KeSatTblX_Amp_u9p7[13]	17280
:_KeSatTbIX_Amp_u9p7[14]	18560
:_KeSatTbIX_Amp_u9p7[15]	19840
:_KeSatTbIY_Uls_u2p14[0]	1802
_KeSatTblY_Uls_u2p14[1]	1966
:_KeSatTbIY_Uls_u2p14[2]	2130
t_KeSatTblY_Uls_u2p14[3]	2458
_KeSatTblY_Uls_u2p14[4]	2458
:_KeSatTblY_Uls_u2p14[5]	2621
:_KeSatTblY_Uls_u2p14[6]	4096
EKeSatTblY_Uls_u2p14[7]	5734
EKeSatTblY_Uls_u2p14[8]	6554
:_KeSatTblY_Uls_u2p14[9]	7373
:_KeSatTblY_Uls_u2p14[10]	8192
:_KeSatTblY_Uls_u2p14[11]	9011
	10650
	12288
:_KeSatTblY_Uls_u2p14[13]	
:_KeSatTblY_Uls_u2p14[14]	13926
t_KeSatTblY_Uls_u2p14[15]	15565
gt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	-33.8339996
gt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	25.1739998
	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32
gt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	
	tgt_CurrParamComp_Per1_EstLd_Henry_f32 tgt_CurrParamComp_Per1_EstLd_Henry_f32

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Name	Input Value		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_	3: 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]	0.0689999983	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	0.00026999999	0.00026999999 ± 0.0625	✓
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0149999997	0.0149999997	~

Test Step Call Trace				V
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	~

Name	Input Value
	0.0250000004
EstKeFF_VpRadpS_M_f32	
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
x_MaxKeRngLmt_VpRadpS_f32	0.0590000004
C_MaxLdRngLmt_Henry_f32	0.000230000005
c_MaxLqRngLmt_Henry_f32	0.000180000003
C_MaxRRngLmt_Ohm_f32	0.0160000008
_MinKeRngLmt_VpRadpS_f32	0.0700000003
_MinLdRngLmt_Henry_f32	0.000250000012
_MinLqRngLmt_Henry_f32	0.000280000007
_MinRRngLmt_Ohm_f32	0.0309999995
_NomLd_Henry_f32	0.000180000003
_NomLq_Henry_f32	0.000319999992
2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
2 CurrParamLdSatSclFac Uls u2p14[0][4]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830
2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384
2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022
2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661
2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299
2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938
2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576
2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214
2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853
2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491
2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949
2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[3][5]	29491
2_CurrParamLdSatSclFac_Uls_u2p14[3][6]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[4][0]	1638
2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[4][2]	4915
2_CurrParamLdSatSclFac_Uls_u2p14[4][3]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830

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Name	Input Value	
t2_CurrParamLdSatSclFac_Uls_u2p14[4][6]	11469	
t2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	13107	
t2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	14746	
t2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	16384	
t2_CurrParamLdSatSclFac_Uls_u2p14[5][3]	18022	
t2_CurrParamLdSatSclFac_Uls_u2p14[5][4]	19661	
t2_CurrParamLdSatSclFac_Uls_u2p14[5][5]	21299	
t2_CurrParamLdSatSclFac_Uls_u2p14[5][6]	22938	
t2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	1638	
t2_CurrParamLqSatSclFac_Uls_u2p14[0][1]	3277	
t2_CurrParamLqSatSclFac_Uls_u2p14[0][2]	4915	
t2_CurrParamLqSatSclFac_Uls_u2p14[0][3]	6554	
t2_CurrParamLqSatSclFac_Uls_u2p14[0][4]	8192	
t2_CurrParamLqSatSclFac_Uls_u2p14[0][5]	9830	
t2_CurrParamLqSatSclFac_Uls_u2p14[0][6]	11469	
t2_CurrParamLqSatSclFac_Uls_u2p14[1][0]	13107	
t2_CurrParamLqSatSclFac_Uls_u2p14[1][1]	14746	
t2_CurrParamLqSatSclFac_Uls_u2p14[1][2]	16384	
t2_CurrParamLqSatSclFac_Uls_u2p14[1][3]	18022	
t2 CurrParamLqSatSclFac Uls u2p14[1][4]	19661	
t2_CurrParamLqSatSclFac_Uls_u2p14[1][5]	21299	
t2_CurrParamLqSatSclFac_Uls_u2p14[1][6]	22938	
t2_CurrParamLqSatSclFac_Uls_u2p14[2][0]	24576	
t2_CurrParamLqSatSclFac_Uls_u2p14[2][1]	26214	
t2_CurrParamLqSatSclFac_Uls_u2p14[2][2]	27853	
t2_CurrParamLqSatSclFac_Uls_u2p14[2][3]	29491	
t2 CurrParamLqSatSclFac Uls u2p14[2][4]	31130	
t2_CurrParamLqSatSclFac_Uls_u2p14[2][5]	31949	
t2_CurrParamLqSatSclFac_Uls_u2p14[2][6]	32768	
t2_CurrParamLqSatSclFac_Uls_u2p14[3][0]	3277	
t2_CurrParamLqSatSclFac_Uls_u2p14[3][1]	6554	
t2_CurrParamLqSatSclFac_Uls_u2p14[3][2]	8192	
t2_CurrParamLqSatSclFac_Uls_u2p14[3][3]	11469	
t2_CurrParamLqSatSclFac_Uls_u2p14[3][4]	14746	
t2_CurrParamLqSatSclFac_Uls_u2p14[3][5]	29491	
t2_CurrParamLqSatSclFac_Uls_u2p14[3][6]	31130	
t2_CurrParamLqSatSclFac_Uls_u2p14[4][0]	1638	
t2_CurrParamLqSatSclFac_Uls_u2p14[4][1]	3277	
t2_CurrParamLqSatSclFac_Uls_u2p14[4][2]	4915	
t2_CurrParamLqSatSclFac_Uls_u2p14[4][3]	6554	
t2_CurrParamLqSatSclFac_Uls_u2p14[4][4]	8192	
t2 CurrParamLqSatSclFac Uls u2p14[4][5]	9830	
t2_CurrParamLqSatSclFac_Uls_u2p14[4][6]	11469	
t2_CurrParamLqSatSclFac_Uls_u2p14[5][0]	13107	
t2_CurrParamLqSatSclFac_Uls_u2p14[5][1]	14746	
t2_CurrParamLqSatScIFac_UIs_u2p14[5][2]	16384	
t2 CurrParamLqSatSclFac Uls u2p14[5][2]	18022	
t2_CurrParamLqSatSclFac_Uls_u2p14[5][4]	19661	
t2_CurrParamLqSatScIFac_Uls_u2p14[5][4]	21299	
	22938	
t2_CurrParamLqSatSclFac_Uls_u2p14[5][6] t_CurrParamCompDaxRef_Amp_u9p7[0]	16640	
t_CurrParamCompDaxRef_Amp_u9p7[u] t_CurrParamCompDaxRef_Amp_u9p7[1]	17920	
t CurrParamCompDaxRef_Amp_u9p7[1]	19200	
t CurrParamCompDaxRef_Amp_u9p7[2] t CurrParamCompDaxRef Amp_u9p7[3]		
	20480 21760	
t_CurrParamCompDaxRef_Amp_u9p7[4]		
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_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	Invest Walter
Name	Input Value
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	-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_f3:	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3:	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32

<u>v </u>	1		
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	0.00033000001
t2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830

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Name	Input Value
2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
2 CurrParamLdSatSclFac Uls u2p14[1][2]	16384
2_CurrParamLdSatScIFac_Uls_u2p14[1][3]	18022
2_CurrParamLdSatScIFac_Uls_u2p14[1][4]	19661
2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299
	22938
2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	
2_CurrParamLdSatScIFac_Uls_u2p14[2][0]	24576
2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214
2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853
2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491
2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949
2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[3][5]	29491
2_CurrParamLdSatSclFac_Uls_u2p14[3][6]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[4][0]	1638
2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[4][2]	4915
2_CurrParamLdSatSclFac_Uls_u2p14[4][3]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192
2 CurrParamLdSatSclFac Uls u2p14[4][5]	9830
2_CurrParamLdSatSclFac_Uls_u2p14[4][6]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	13107
2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	16384
2_CurrParamLdSatSclFac_Uls_u2p14[5][3]	18022
2 CurrParamLdSatScIFac Uls u2p14[5][4]	19661
z_CurrParamLdSatSciFac_0is_uzp14[5][4] 2_CurrParamLdSatSciFac_Uis_u2p14[5][5]	21299
2_CurrParamLdSatSclFac_Uls_u2p14[5][6]	22938
2_CurrParamLqSatScIFac_Uls_u2p14[0][0]	1638
2_CurrParamLqSatScIFac_Uls_u2p14[0][1]	3277
2_CurrParamLqSatScIFac_Uls_u2p14[0][2]	4915
2_CurrParamLqSatSclFac_Uls_u2p14[0][3]	6554
2_CurrParamLqSatSclFac_Uls_u2p14[0][4]	8192
2_CurrParamLqSatSclFac_Uls_u2p14[0][5]	9830
2_CurrParamLqSatSclFac_Uls_u2p14[0][6]	11469
2_CurrParamLqSatSclFac_Uls_u2p14[1][0]	13107
2_CurrParamLqSatSclFac_Uls_u2p14[1][1]	14746
2_CurrParamLqSatSclFac_Uls_u2p14[1][2]	16384
2_CurrParamLqSatSclFac_Uls_u2p14[1][3]	18022
2_CurrParamLqSatSclFac_Uls_u2p14[1][4]	19661
2_CurrParamLqSatSclFac_Uls_u2p14[1][5]	21299
2_CurrParamLqSatSclFac_Uls_u2p14[1][6]	22938
2_CurrParamLqSatSclFac_Uls_u2p14[2][0]	24576
2_CurrParamLqSatSclFac_Uls_u2p14[2][1]	26214
2_CurrParamLqSatSclFac_Uls_u2p14[2][2]	27853
2 CurrParamLqSatSclFac Uls u2p14[2][3]	29491
2 CurrParamLqSatSclFac Uls u2p14[2][4]	31130
2 CurrParamLqSatScIFac Uls u2p14[2][5]	31949
2_CurrParamLqSatSclFac_Uls_u2p14[2][6]	32768
z_CurrParamLqSatSciFac_0is_uzp14[z][o] 2_CurrParamLqSatSciFac_Uis_u2p14[3][0]	3277
2_CurrParamLqSatSclFac_Uis_u2p14[3][1]	6554
2_CurrParamLqSatSciFac_Uis_u2p14[3][1] 2_CurrParamLqSatSciFac_Uis_u2p14[3][2]	8192
	11469
2_CurrParamLqSatSclFac_Uls_u2p14[3][3]	
2_CurrParamLqSatSclFac_Uls_u2p14[3][4]	14746
2_CurrParamLqSatSclFac_Uls_u2p14[3][5]	29491
2_CurrParamLqSatSclFac_Uls_u2p14[3][6]	31130
2_CurrParamLqSatSclFac_Uls_u2p14[4][0]	1638
2_CurrParamLqSatSclFac_Uls_u2p14[4][1]	3277
2_CurrParamLqSatSclFac_Uls_u2p14[4][2]	4915
2_CurrParamLqSatSclFac_Uls_u2p14[4][3]	6554
2_CurrParamLqSatSclFac_Uls_u2p14[4][4]	8192
2_CurrParamLqSatSclFac_Uls_u2p14[4][5]	9830
2_CurrParamLqSatSclFac_Uls_u2p14[4][6]	11469
2_CurrParamLqSatSclFac_Uls_u2p14[5][0]	13107

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CurrParamComp_Per1

		•	
Name	Input Value		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][2]	16384		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][3]	18022		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][4]	19661		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][5]	21299		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][6]	22938		
t_CurrParamCompDaxRef_Amp_u9p7[0]	24320		
t_CurrParamCompDaxRef_Amp_u9p7[1]	25600		
t_CurrParamCompDaxRef_Amp_u9p7[2]	26880 27008		
t_CurrParamCompDaxRef_Amp_u9p7[3] 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]	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]	9856		
t_KeSatTbIX_Amp_u9p7[6] t_KeSatTbIX_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 3277		
t_KeSatTbIY_Uls_u2p14[7] t_KeSatTbIY_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	-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_VpRadp	_	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f3		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f3		
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_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f			-
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] tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0710000023 0.0710000023	0.0710000023 0.0710000023	
tgt_CurrParamComp_Per1_Estke_vpRadps_r32.value tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.00710000023	0.0710000023 0.000260000001 ± 0.0000000009	
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000289999996	0.000289999996 ± 0.0625	
tot CurrParamComp Per1 EstR Ohm f32.value	0.0170000009	0.0170000009	

0.0170000009

0.0170000009

 $tgt_CurrParamComp_Per1_EstR_Ohm_f32.value$



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	
	0.0500000007	
EstKeFF_VpRadpS_M_f32	0.0375670008	
EstRFF_Ohm_M_f32 FastDataAccessBufindex Cnt M u16	1	
	0.0260000005	
MtrEstKe_VpRadpS_M_f32[0] MtrEstKe_VpRadpS_M_f32[1]	0.0270000007	
	tgt Rte Inst Ap CurrParamComp	
Rte_Inst_Ap_CurrParamComp	0.0610000007	
k_MaxKeRngLmt_VpRadpS_f32		
k_MaxLdRngLmt_Henry_f32	0.000250000012 0.00019999995	
k_MaxLqRngLmt_Henry_f32		
k_MaxRRngLmt_Ohm_f32	0.0179999992 0.0719999969	
k_MinKeRngLmt_VpRadpS_f32	0.0026999999	
k_MinLdRngLmt_Henry_f32		
k_MinLqRngLmt_Henry_f32	0.00030000014	
k_MinRRngLmt_Ohm_f32	0.032999998	
k_NomLd_Henry_f32	0.000199999995	
k_NomLq_Henry_f32	0.000339999999	
t2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638	
t2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277	
t2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915	
t2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554	
t2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192	
t2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830	
t2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469	
t2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107	
t2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746	
t2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384	
t2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022	
t2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661	
t2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299	
t2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938	
t2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576	
t2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214	
t2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853	
t2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491	
t2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130	
t2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949	
t2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768	
t2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	3277	
t2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	6554	
t2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	8192	
t2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	11469	
t2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	14746	
t2_CurrParamLdSatSclFac_Uls_u2p14[3][5]	29491	
t2_CurrParamLdSatSclFac_Uls_u2p14[3][6]	31130	
t2_CurrParamLdSatSclFac_Uls_u2p14[4][0]	1638	
t2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277	
t2_CurrParamLdSatSclFac_Uls_u2p14[4][2]	4915	
t2_CurrParamLdSatSclFac_Uls_u2p14[4][3]	6554	
t2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192	
t2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830	
t2_CurrParamLdSatSclFac_Uls_u2p14[4][6]	11469	
t2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	13107	
t2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	14746	
t2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	16384	
t2_CurrParamLdSatSclFac_Uls_u2p14[5][3]	18022	
t2_CurrParamLdSatSclFac_Uls_u2p14[5][4]	19661	
t2_CurrParamLdSatSclFac_Uls_u2p14[5][5]	21299	
t2_CurrParamLdSatSclFac_Uls_u2p14[5][6]	22938	
t2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	1638	
t2_CurrParamLqSatSclFac_Uls_u2p14[0][1]	3277	
t2_CurrParamLqSatSclFac_Uls_u2p14[0][2]	4915	

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Name	Input Value
t2_CurrParamLqSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSclFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSclFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSclFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSclFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSclFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSclFac_Uls_u2p14[1][6]	22938
	24576
t2_CurrParamLqSatSclFac_Uls_u2p14[2][0]	
t2_CurrParamLqSatSclFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSclFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSclFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSclFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSclFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSclFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSclFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSclFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[3][5]	29491
12_CurrParamLqSatSclFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSclFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSclFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSclFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSclFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSclFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatScIFac_Uls_u2p14[4][5]	9830
	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[4][6]	
t2_CurrParamLqSatSclFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSclFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSclFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSclFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSclFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSclFac_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
:_KeSatTblX_Amp_u9p7[2]	3200
_KeSatTblX_Amp_u9p7[3]	4480
t_KeSatTblX_Amp_u9p7[4]	5760
t_KeSatTblX_Amp_u9p7[5]	7040
:_KeSatTblX_Amp_u9p7[6]	8320
:_KeSatTblX_Amp_u9p7[7]	9600
KeSatTblX_Amp_u9p7[8]	10880
KeSatTblX_Amp_u9p7[9]	12160
_KeSatTblX_Amp_u9p7[10]	13440
	14720
_KeSatTblX_Amp_u9p7[11]	
_KeSatTblX_Amp_u9p7[12]	16000
_KeSatTblX_Amp_u9p7[13]	17280
_KeSatTblX_Amp_u9p7[14]	18560
_KeSatTbIX_Amp_u9p7[15]	19840
_KeSatTblY_Uls_u2p14[0]	1966
_KeSatTblY_Uls_u2p14[1]	2130
_KeSatTblY_Uls_u2p14[2]	6554
	1802
t_KeSatTblY_Uls_u2p14[3]	1002

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Input Value 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 10650 t_KeSatTblY_Uls_u2p14[12] t_KeSatTblY_Uls_u2p14[13] 12288 t_KeSatTblY_Uls_u2p14[14] 13926 t_KeSatTblY_Uls_u2p14[15] 15565 $tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value$ -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 $tgt_Rte_Inst_Ap_CurrParamComp_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32\\ tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32\\ tgt_Ref_Amp_f32\\ tgt_R$

tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp	_f3: tgt_CurrParamComp_Per1_MtrCurrQaxRe	f_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 ± 0.0000000009	✓
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	0.000260000001
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	0.000310000003
k_MinRRngLmt_Ohm_f32	0.0340000018
k_NomLd_Henry_f32	0.000209999998
k_NomLq_Henry_f32	0.000349999988
t2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853

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Curraramcomp_reri	
Name	Input Value
2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491
2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949
2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	11469
2 CurrParamLdSatScIFac Uls u2p14[3][4]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[3][5]	29491
2_CurrParamLdSatSclFac_Uls_u2p14[3][6]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[4][0]	1638
2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[4][2]	4915
2_CurrParamLdSatSclFac_Uls_u2p14[4][3]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830
2_CurrParamLdSatSclFac_Uls_u2p14[4][6]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	13107
2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	16384
2_CurrParamLdSatSclFac_Uls_u2p14[5][3]	18022
2_CurrParamLdSatSclFac_Uls_u2p14[5][4]	19661
2_CurrParamLdSatSclFac_Uls_u2p14[5][5]	21299
2_CurrParamLdSatSclFac_Uls_u2p14[5][6]	22938
2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	1638
2 CurrParamLqSatSclFac Uls u2p14[0][1]	3277
2 CurrParamLqSatSclFac Uls u2p14[0][2]	4915
2_CurrParamLqSatSclFac_Uls_u2p14[0][3]	6554
2_CurrParamLqSatSclFac_Uls_u2p14[0][4]	8192
2_CurrParamLqSatSclFac_Uls_u2p14[0][5]	9830
2_CurrParamLqSatSclFac_Uls_u2p14[0][6]	11469
2_CurrParamLqSatSclFac_Uls_u2p14[1][0]	13107
2_CurrParamLqSatSclFac_Uls_u2p14[1][1]	14746
2_CurrParamLqSatSclFac_Uls_u2p14[1][2]	16384
2_CurrParamLqSatSclFac_Uls_u2p14[1][3]	18022
2_CurrParamLqSatSclFac_Uls_u2p14[1][4]	19661
2_CurrParamLqSatSclFac_Uls_u2p14[1][5]	21299
2_CurrParamLqSatSclFac_Uls_u2p14[1][6]	22938
2_CurrParamLqSatSclFac_Uls_u2p14[2][0]	24576
2_CurrParamLqSatSclFac_Uls_u2p14[2][1]	26214
2_CurrParamLqSatSclFac_Uls_u2p14[2][2]	27853
2_CurrParamLqSatSclFac_Uls_u2p14[2][3]	29491
2_CurrParamLqSatSclFac_Uls_u2p14[2][4]	31130
2_CurrParamLqSatSclFac_Uls_u2p14[2][5]	31949
2_CurrParamLqSatSclFac_Uls_u2p14[2][6]	32768
2_CurrParamLqSatSclFac_Uls_u2p14[3][0]	3277
	6554
2_CurrParamLqSatSclFac_Uls_u2p14[3][1]	
2_CurrParamLqSatSclFac_Uls_u2p14[3][2]	8192
2_CurrParamLqSatSclFac_Uls_u2p14[3][3]	11469
2_CurrParamLqSatSclFac_Uls_u2p14[3][4]	14746
2_CurrParamLqSatSclFac_Uls_u2p14[3][5]	29491
2_CurrParamLqSatSclFac_Uls_u2p14[3][6]	31130
2_CurrParamLqSatSclFac_Uls_u2p14[4][0]	1638
2_CurrParamLqSatSclFac_Uls_u2p14[4][1]	3277
2_CurrParamLqSatSclFac_Uls_u2p14[4][2]	4915
2_CurrParamLqSatSclFac_Uls_u2p14[4][3]	6554
2_CurrParamLqSatSclFac_Uls_u2p14[4][4]	8192
2_CurrParamLqSatSclFac_Uls_u2p14[4][5]	9830
	11469
2_CurrParamLqSatSclFac_Uls_u2p14[5][0]	13107
currParamLqSatSclFac_Uls_u2p14[5][1]	14746
2_CurrParamLqSatSclFac_Uls_u2p14[5][2]	16384
:_CurrParamLqSatSciPac_Uis_u2p14[5][2]	18022
2_CurrParamLqSatSclFac_Uls_u2p14[5][4]	19661
2_CurrParamLqSatSclFac_Uls_u2p14[5][5]	21299
2_CurrParamLqSatSclFac_Uls_u2p14[5][6]	22938
_CurrParamCompDaxRef_Amp_u9p7[0]	1408
_CurrParamCompDaxRef_Amp_u9p7[1]	2816
_CurrParamCompDaxRef_Amp_u9p7[2]	4224
_CurrParamCompDaxRef_Amp_u9p7[3]	5632
_CurrParamCompDaxRef_Amp_u9p7[4]	7040
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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_f3:	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3:	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32

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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]	0.029999993
MtrEstKe_VpRadpS_M_f32[1]	0.0309999995

CurrParamComp_Per1

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Curraramcomp_rerr	
Name	Input Value
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
<pre><_MaxKeRngLmt_VpRadpS_f32</pre>	0.063000001
C_MaxLdRngLmt_Henry_f32	0.00026999999
_MaxLqRngLmt_Henry_f32	0.000220000002
MaxRRngLmt Ohm f32	0.0199999996
 <hr/> MinKeRngLmt_VpRadpS_f32	0.0260000005
	0.000289999996
:_MinLqRngLmt_Henry_f32	0.000319999992
:_MinRRngLmt_Ohm_f32	0.0350000001
NomLd Henry f32	0.000220000002
NomLq Henry f32	0.000360000005
2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
2_CurrParamLdSatSclrac_Uls_u2p14[0][1]	4915
2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830
2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384
2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022
2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661
2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299
2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938
2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576
2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214
2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853
2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491
2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949
2_CurrParamLdSatScIFac_UIs_u2p14[2][6]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[3][5]	29491
2_CurrParamLdSatSclFac_Uls_u2p14[3][6]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[4][0]	1638
2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[4][2]	4915
2 CurrParamLdSatSclFac Uls u2p14[4][3]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830
2_CurrParamLdSatSclFac_Uls_u2p14[4][6]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	13107
2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	16384
2_CurrParamLdSatSclFac_Uls_u2p14[5][3]	18022
2_CurrParamLdSatSclFac_Uls_u2p14[5][4]	19661
2_CurrParamLdSatSclFac_Uls_u2p14[5][5]	21299
2_CurrParamLdSatSclFac_Uls_u2p14[5][6]	22938
2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	1638
2_CurrParamLqSatSclFac_Uls_u2p14[0][1]	3277
2_CurrParamLqSatSclFac_Uls_u2p14[0][2]	4915
2_CurrParamLqSatSclFac_Uls_u2p14[0][3]	6554
2_CurrParamLqSatSclFac_Uls_u2p14[0][4]	8192
2_CurrParamLqSatSclFac_Uls_u2p14[0][5]	9830
2_CurrParamLqSatSclFac_Uls_u2p14[0][6]	11469
z_CurrParamLqSatSciPac_Uis_uzp14[0][0] 2_CurrParamLqSatSciPac_Uis_u2p14[1][0]	13107
2_CurrParamLqSatSclFac_Uls_u2p14[1][1]	14746
2_CurrParamLqSatSclFac_Uls_u2p14[1][2]	16384
2_CurrParamLqSatSclFac_Uls_u2p14[1][3]	18022
2_CurrParamLqSatSclFac_Uls_u2p14[1][4]	19661
2_CurrParamLqSatSclFac_Uls_u2p14[1][5]	21299
2_CurrParamLqSatSclFac_Uls_u2p14[1][6]	22938
2_CurrParamLqSatSclFac_Uls_u2p14[2][0]	24576
2_CurrParamLqSatSclFac_Uls_u2p14[2][1]	26214
2_CurrParamLqSatSclFac_Uls_u2p14[2][2]	27853
2_CurrParamLqSatSclFac_Uls_u2p14[2][3]	29491
2_CurrParamLqSatSclFac_Uls_u2p14[2][4]	31130

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Name	Input Value
2_CurrParamLqSatSclFac_Uls_u2p14[2][6]	32768
2_CurrParamLqSatSclFac_Uls_u2p14[3][0]	3277
2_CurrParamLqSatSclFac_Uls_u2p14[3][1]	6554
2_CurrParamLqSatSclFac_Uls_u2p14[3][2]	8192
2_CurrParamLqSatSclFac_Uls_u2p14[3][3]	11469
2_CurrParamLqSatSclFac_Uls_u2p14[3][4]	14746
2_CurrParamLqSatSclFac_Uls_u2p14[3][5]	29491
2_CurrParamLqSatSclFac_Uls_u2p14[3][6]	31130
2_CurrParamLqSatSclFac_Uls_u2p14[4][0]	1638
2_CurrParamLqSatSclFac_Uls_u2p14[4][1]	3277
2_CurrParamLqSatSclFac_Uls_u2p14[4][2]	4915
2_CurrParamLqSatSclFac_Uls_u2p14[4][3]	6554
2_CurrParamLqSatSclFac_Uls_u2p14[4][4]	8192
2_CurrParamLqSatSclFac_Uls_u2p14[4][5]	9830
2_CurrParamLqSatSclFac_Uls_u2p14[4][6]	11469
2_CurrParamLqSatScIFac_Uls_u2p14[5][0]	13107
2_CurrParamLqSatSclFac_Uls_u2p14[5][1]	14746
2_CurrParamLqSatSclFac_Uls_u2p14[5][2]	16384
2_CurrParamLqSatSclFac_Uls_u2p14[5][3]	18022
2_CurrParamLqSatSclFac_Uls_u2p14[5][4]	19661
2_CurrParamLqSatScIFac_Uls_u2p14[5][5]	21299
2_CurrParamLqSatSclFac_Uls_u2p14[5][6]	22938
_CurrParamCompDaxRef_Amp_u9p7[0]	8960
_CurrParamCompDaxRef_Amp_u9p7[1]	10240
_CurrParamCompDaxRef_Amp_u9p7[2]	11520
_CurrParamCompDaxRef_Amp_u9p7[3]	12800
_CurrParamCompDaxRef_Amp_u9p7[4]	14080
_CurrParamCompDaxRef_Amp_u9p7[5]	15360
_CurrParamCompQaxRef_Amp_u9p7[0]	16640
_CurrParamCompQaxRef_Amp_u9p7[1]	17920
_CurrParamCompQaxRef_Amp_u9p7[2]	19200
_CurrParamCompQaxRef_Amp_u9p7[3]	20480
_CurrParamCompQaxRef_Amp_u9p7[4]	21760
_CurrParamCompQaxRef_Amp_u9p7[5]	23040
_CurrParamCompQaxRef_Amp_u9p7[6]	25600
_KeSatTblX_Amp_u9p7[0]	1408
_KeSatTblX_Amp_u9p7[1]	2816
_KeSatTblX_Amp_u9p7[2]	4224
_KeSatTblX_Amp_u9p7[3]	5632
_KeSatTblX_Amp_u9p7[4]	7040
_KeSatTblX_Amp_u9p7[5]	8448
_KeSatTblX_Amp_u9p7[6]	9856
_KeSatTblX_Amp_u9p7[7]	11264
_KeSatTblX_Amp_u9p7[8]	12672
_KeSatTblX_Amp_u9p7[9]	14080
_KeSatTblX_Amp_u9p7[10]	15360
_KeSatTblX_Amp_u9p7[11]	16640
_KeSatTblX_Amp_u9p7[12]	17920
_KeSatTblX_Amp_u9p7[13]	19200
_KeSatTblX_Amp_u9p7[14]	20480
_KeSatTblX_Amp_u9p7[15]	21760
_KeSatTblY_Uls_u2p14[0]	2130
_KeSatTblY_Uls_u2p14[1]	2294
_KeSatTblY_Uls_u2p14[2]	2458
_KeSatTblY_Uls_u2p14[3]	1966
_KeSatTblY_Uls_u2p14[4]	2785
_KeSatTblY_Uls_u2p14[5]	2949
_KeSatTblY_Uls_u2p14[6]	3113
_KeSatTblY_Uls_u2p14[7]	3277
_KeSatTblY_Uls_u2p14[8]	2621
_KeSatTblY_Uls_u2p14[9]	3441
_KeSatTblY_Uls_u2p14[10]	1802
_KeSatTblY_Uls_u2p14[11]	3604
_KeSatTblY_Uls_u2p14[12]	3768
_KeSatTblY_Uls_u2p14[13]	3932
_KeSatTblY_Uls_u2p14[14]	4096
_KeSatTblY_Uls_u2p14[15]	4260
gt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	-42.7840004
gt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	-14.1440001
gt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32
gt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32
gt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32
gt_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_f3	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32		
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3$	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]	0.0260000005	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)	Innut Value
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0500000007
EstRFF_Ohm_M_f32	0.0060000005
FastDataAccessBufIndex_Cnt_M_u16	0
MtrEstKe_VpRadpS_M_f32[0]	0.0410000011
/trEstKe_VpRadpS_M_f32[1]	0.0450000018
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
_MaxKeRngLmt_VpRadpS_f32	0.064000003
_MaxLdRngLmt_Henry_f32	0.000280000007
_MaxLqRngLmt_Henry_f32	0.000230000005
:_MaxRRngLmt_Ohm_f32	0.0209999997
_MinKeRngLmt_VpRadpS_f32	0.0270000007
_MinLdRngLmt_Henry_f32	0.000300000014
_MinLqRngLmt_Henry_f32	0.00033000001
_MinRRngLmt_Ohm_f32	0.0359999985
_NomLd_Henry_f32	0.000230000005
_NomLq_Henry_f32	0.000369999994
2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830
2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384
2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022
2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661
2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299
2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938
2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576
2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214
2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853
2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491
2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949
2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768
	3277
2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	
2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[3][5]	29491
2_CurrParamLdSatSclFac_Uls_u2p14[3][6]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[4][0]	1638
2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[4][2]	4915
2_CurrParamLdSatSclFac_Uls_u2p14[4][3]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830

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Currearamcomp_reri		CAL
Name	Input Value	
2_CurrParamLdSatSclFac_Uls_u2p14[4][6]	11469	
2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	13107	
2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	14746	
2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	16384	
2_CurrParamLdSatSclFac_Uls_u2p14[5][3]	18022	
2_CurrParamLdSatSclFac_Uls_u2p14[5][4]	19661	
2_CurrParamLdSatSclFac_Uls_u2p14[5][5]	21299	
2_CurrParamLdSatSclFac_Uls_u2p14[5][6]	22938	
2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	1638	
2 CurrParamLqSatScIFac Uls u2p14[0][1]	3277	
2_CurrParamLqSatScIFac_Uls_u2p14[0][2]	4915	
2_CurrParamLqSatSclFac_Uls_u2p14[0][3]	6554	
2_CurrParamLqSatScIFac_Uls_u2p14[0][4]	8192	
2_CurrParamLqSatScIFac_Uls_u2p14[0][5]	9830	
2_CurrParamLqSatSclFac_Uls_u2p14[0][6]	11469	
2_CurrParamLqSatSclFac_Uls_u2p14[1][0]	13107	
2_CurrParamLqSatSclFac_Uls_u2p14[1][1]	14746	
2_CurrParamLqSatSclFac_Uls_u2p14[1][2]	16384	
2_CurrParamLqSatSclFac_Uls_u2p14[1][3]	18022	
2_CurrParamLqSatSclFac_Uls_u2p14[1][4]	19661	
2_CurrParamLqSatSclFac_Uls_u2p14[1][5]	21299	
2_CurrParamLqSatSclFac_Uls_u2p14[1][6]	22938	
2_CurrParamLqSatSclFac_Uls_u2p14[2][0]	24576	
2_CurrParamLqSatSclFac_Uls_u2p14[2][1]	26214	
2_CurrParamLqSatSclFac_Uls_u2p14[2][2]	27853	
2_CurrParamLqSatSclFac_Uls_u2p14[2][3]	29491	
2_CurrParamLqSatSclFac_Uls_u2p14[2][4]	31130	
2 CurrParamLqSatSclFac Uls u2p14[2][5]	31949	
2_CurrParamLqSatSclFac_Uls_u2p14[2][6]	32768	
2_CurrParamLqSatSclFac_Uls_u2p14[3][0]	3277	
2_CurrParamLqSatSclFac_Uls_u2p14[3][1]	6554	
2_CurrParamLqSatSclFac_Uls_u2p14[3][2]	8192	
2_CurrParamLqSatSclFac_Uls_u2p14[3][3]	11469	
2_CurrParamLqSatSclFac_Uls_u2p14[3][4]	14746	
z_currParamLqSatSclFac_uls_u2p14[3][4] 2_CurrParamLqSatSclFac_Uls_u2p14[3][5]	29491	
2_CurrParamLqSatSclFac_Uls_u2p14[3][6]	31130	
2_CurrParamLqSatSclFac_Uls_u2p14[4][0]	1638	
2_CurrParamLqSatSclFac_Uls_u2p14[4][1]	3277	
2_CurrParamLqSatSclFac_Uls_u2p14[4][2]	4915	
2_CurrParamLqSatSclFac_Uls_u2p14[4][3]	6554	
2_CurrParamLqSatSclFac_Uls_u2p14[4][4]	8192	
2_CurrParamLqSatSclFac_Uls_u2p14[4][5]	9830	
2_CurrParamLqSatSclFac_Uls_u2p14[4][6]	11469	
2_CurrParamLqSatSclFac_Uls_u2p14[5][0]	13107	
2_CurrParamLqSatSclFac_Uls_u2p14[5][1]	14746	
2_CurrParamLqSatSclFac_Uls_u2p14[5][2]	16384	
2_CurrParamLqSatSclFac_Uls_u2p14[5][3]	18022	
2_CurrParamLqSatSclFac_Uls_u2p14[5][4]	19661	
2_CurrParamLqSatSclFac_Uls_u2p14[5][5]	21299	
2_CurrParamLqSatSclFac_Uls_u2p14[5][6]	22938	
CurrParamCompDaxRef Amp u9p7[0]	16640	
_CurrParamCompDaxRef_Amp_u9p7[1]	17920	
CurrParamCompDaxRef Amp_u9p7[2]	19200	
_CurrParamCompDaxRef_Amp_u9p7[3]	20480	
	21760	
_CurrParamCompDaxRef_Amp_u9p7[4]		
_CurrParamCompDaxRef_Amp_u9p7[5]	23040	
_CurrParamCompQaxRef_Amp_u9p7[0]	24320	
_CurrParamCompQaxRef_Amp_u9p7[1]	25600	
_CurrParamCompQaxRef_Amp_u9p7[2]	26880	
_CurrParamCompQaxRef_Amp_u9p7[3]	27008	
_CurrParamCompQaxRef_Amp_u9p7[4]	27136	
_CurrParamCompQaxRef_Amp_u9p7[5]	16000	
_CurrParamCompQaxRef_Amp_u9p7[6]	17280	
_KeSatTblX_Amp_u9p7[0]	640	
KeSatTblX_Amp_u9p7[1]	1920	
_KeSatTblX_Amp_u9p7[2]	3200	
_KeSatTblX_Amp_u9p7[3]	4480	
_KeSatTblX_Amp_u9p7[4]	5760	
_KeSatTblX_Amp_u9p7[5]	7040	
_KeSatTblX_Amp_u9p7[6]	8320	
_KeSatTblX_Amp_u9p7[7]	9600	
_KeSatTblX_Amp_u9p7[8]	10880	
	12160	

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Name	Input Value
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
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	-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
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3222222222222222222222222222222222222$	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3:	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32

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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	0.00033000001	0.00033000001 ± 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	0.00026999999
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_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830

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Name	Input Value	
t2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469	
t2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107	
t2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746	
t2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384	
t2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022	
t2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661	
t2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299	
t2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938	
t2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576	
t2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214	
t2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853	
t2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491	
t2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130	
2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949	
2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768	
2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	3277	
2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	6554	
2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	8192	
2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	11469	
2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	14746	
	29491	
2_CurrParamLdSatSclFac_Uls_u2p14[3][5] 2_CurrParamLdSatSclFac_Uls_u2p14[3][6]	31130	
ız_CurrParamLdSatSciFac_Uis_uzp14[3][6] ı2_CurrParamLdSatSciFac_Uis_u2p14[4][0]		
	1638	
t2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277	
2_CurrParamLdSatSclFac_Uls_u2p14[4][2]	4915	
12_CurrParamLdSatSclFac_Uls_u2p14[4][3]	6554	
t2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192	
l2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830	
t2_CurrParamLdSatSclFac_Uls_u2p14[4][6]	11469	
2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	13107	
2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	14746	
2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	16384	
2_CurrParamLdSatSclFac_Uls_u2p14[5][3]	18022	
t2_CurrParamLdSatSclFac_Uls_u2p14[5][4]	19661	
t2_CurrParamLdSatSclFac_Uls_u2p14[5][5]	21299	
t2_CurrParamLdSatSclFac_Uls_u2p14[5][6]	22938	
t2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	1638	
t2_CurrParamLqSatSclFac_Uls_u2p14[0][1]	3277	
t2_CurrParamLqSatSclFac_Uls_u2p14[0][2]	4915	
t2_CurrParamLqSatSclFac_Uls_u2p14[0][3]	6554	
t2_CurrParamLqSatSclFac_Uls_u2p14[0][4]	8192	
t2_CurrParamLqSatSclFac_Uls_u2p14[0][5]	9830	
t2_CurrParamLqSatSclFac_Uls_u2p14[0][6]	11469	
t2 CurrParamLqSatSclFac Uls u2p14[1][0]	13107	
2_CurrParamLqSatSclFac_Uls_u2p14[1][1]	14746	
2 CurrParamLqSatSclFac Uls u2p14[1][2]	16384	
2_CurrParamLqSatSclFac_Uls_u2p14[1][3]	18022	
2 CurrParamLqSatSclFac Uls u2p14[1][4]	19661	
2_CurrParamLqSatScIFac_Uls_u2p14[1][5]	21299	
2_CurrParamLqSatScIFac_Uls_u2p14[1][6]	22938	
:2_CurrParamLqSatSclFac_Uls_u2p14[1][0]	24576	
2_CurrParamLqSatSclFac_Uls_u2p14[2][0]	26214	
2_CurrParamLqSatSclFac_Uls_u2p14[2][2]	27853	
z_CurrParamLqSatSctFac_Ois_uzp14[z][z] 2_CurrParamLqSatSctFac_Uls_u2p14[2][3]	29491	
2_CurrParamLqSatSclFac_Uls_u2p14[2][4]	31130	
2_CurrParamLqSatSclFac_Uls_u2p14[2][5]	31949	
2_CurrParamLqSatSclFac_Uls_u2p14[2][6]	32768	
2_CurrParamLqSatScIFac_Uls_u2p14[3][0]	3277	
2_CurrParamLqSatScIFac_UIs_u2p14[3][1]	6554	
2_CurrParamLqSatSclFac_Uls_u2p14[3][2]	8192	
2_CurrParamLqSatSclFac_Uls_u2p14[3][3]	11469	
2_CurrParamLqSatSclFac_Uls_u2p14[3][4]	14746	
2_CurrParamLqSatSclFac_Uls_u2p14[3][5]	29491	
2_CurrParamLqSatSclFac_Uls_u2p14[3][6]	31130	
2_CurrParamLqSatSclFac_Uls_u2p14[4][0]	1638	
2_CurrParamLqSatSclFac_Uls_u2p14[4][1]	3277	
2_CurrParamLqSatSclFac_Uls_u2p14[4][2]	4915	
2_CurrParamLqSatSclFac_Uls_u2p14[4][3]	6554	
12_CurrParamLqSatSclFac_Uls_u2p14[4][4]	8192	
2_CurrParamLqSatSclFac_Uls_u2p14[4][5]	9830	
t2_CurrParamLqSatSclFac_Uls_u2p14[4][6]	11469	
2_CurrParamLqSatSclFac_Uls_u2p14[5][0]	13107	
	14746	

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		•	
Name	Input Value		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][2]	16384		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][3]	18022		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][4]	19661		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][5]	21299		
t2_CurrParamLqSatSclFac_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 16000		
t_CurrParamCompDaxRef_Amp_u9p7[5] 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 12800		
t_KeSatTblX_Amp_u9p7[9] 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_KeSatTbIX_Amp_u9p7[15]	20480		
t_KeSatTbIY_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] t KeSatTblY Uls u2p14[12]	8192 9830		
t_KeSatTblY_Uls_u2p14[12] 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	s_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32	2	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32	2	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3222222222222222222222222222222222222$	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]	0.0280000009	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 ± 0.00000000009	•
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000220000002	0.000220000002 ± 0.0625	V

0.0219999999

0.0219999999

tgt_CurrParamComp_Per1_EstR_Ohm_f32.value





Test Step Call Trace	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
<pre><_MaxKeRngLmt_VpRadpS_f32</pre>	0.0659999996
C_MaxLdRngLmt_Henry_f32	0.000300000014
MaxLqRngLmt Henry f32	0.000280000007
MaxRRngLmt_Ohm_f32	0.023
<pre>K_MinKeRngLmt_VpRadpS_f32</pre>	0.0289999992
	0.000319999992
<pre>c_minLqRngLmt_Henry_f32</pre>	0.000230000005
C_MinRRngLmt_Ohm_f32	0.037999988
C_NomLd_Henry_f32	0.000250000012
NomLq_Henry_f32	0.000410000008
2 CurrParamLdSatSclFac Uls u2p14[0][0]	1638
	3277
2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	
2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830
2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384
2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022
2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661
2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299
2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938
2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576
2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214
2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853
2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491
2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949
2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	3277
2 CurrParamLdSatScIFac Uls u2p14[3][1]	6554
	8192
2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	
2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[3][5]	29491
2_CurrParamLdSatSclFac_Uls_u2p14[3][6]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[4][0]	1638
2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[4][2]	4915
2_CurrParamLdSatSclFac_Uls_u2p14[4][3]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830
2_CurrParamLdSatSclFac_Uls_u2p14[4][6]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	13107
2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	16384
2 CurrParamLdSatScIFac Uls u2p14[5][3]	18022
2_CurrParamLdSatSclFac_Uls_u2p14[5][4]	19661
2_CurrParamLdSatSclFac_Uls_u2p14[5][5]	21299
2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	22938
2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	1638
2_CurrParamLqSatSclFac_Uls_u2p14[0][1]	3277

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CurrearamComp_Peri	
Name	Input Value
t2_CurrParamLqSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSclFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSclFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSclFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSclFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSclFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSclFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSclFac_Uls_u2p14[1][0]	24576
t2_CurrParamLqSatSclFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSclFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSclFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSclFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSclFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSclFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSclFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSclFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSclFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSclFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSclFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSclFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSclFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSclFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSclFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSclFac_Uls_u2p14[5][1]	14746
	16384
t2_CurrParamLqSatSclFac_Uls_u2p14[5][2]	18022
t2_CurrParamLqSatSclFac_Uls_u2p14[5][3]	
t2_CurrParamLqSatSclFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSclFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSclFac_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_KeSatTbiX_Amp_u9p7[4]	7040
	8448
t_KeSatTblX_Amp_u9p7[5]	
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
	3277
t_KeSatTbIY_Uls_u2p14[3]	3277

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CurrParamComp_Per1

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Name	Input Value		
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]	14909		
t_KeSatTblY_Uls_u2p14[14]	14982		
t_KeSatTblY_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	5_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f3:	2	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f3:	2	
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]	0.0649999976	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	0.000319999992	0.000319999992 ± 0.0000000009	~
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)	v
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	0.029999993
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	0.000118889999
t2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853

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CurrParamComp_Per1		MACILAL
Name	Input Value	
t2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491	
t2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130	
t2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949	
2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768	
2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	3277	
t2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	6554	
t2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	8192	
2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	11469	
2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	14746	
2_CurrParamLdSatSclFac_Uls_u2p14[3][5]	29491	
:2_CurrParamLdSatSclFac_Uls_u2p14[3][6] :2_CurrParamLdSatSclFac_Uls_u2p14[4][0]	31130 1638	
z_CurrParamLdSatScIFac_Uls_u2p14[4][0] 2_CurrParamLdSatScIFac_Uls_u2p14[4][1]	3277	
2_CurrParamLdSatScIFac_Uls_u2p14[4][1] 2_CurrParamLdSatScIFac_Uls_u2p14[4][2]	4915	
2_CurrParamLdSatSclFac_Uls_u2p14[4][3]	6554	
2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192	
2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830	
2_CurrParamLdSatSclFac_Uls_u2p14[4][6]	11469	
2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	13107	
2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	14746	
2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	16384	
2_CurrParamLdSatSclFac_Uls_u2p14[5][3]	18022	
2_CurrParamLdSatSclFac_Uls_u2p14[5][4]	19661	
2_CurrParamLdSatSclFac_Uls_u2p14[5][5]	21299	
2_CurrParamLdSatSclFac_Uls_u2p14[5][6]	22938	
2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	1638	
2_CurrParamLqSatSclFac_Uls_u2p14[0][1]	3277	
2_CurrParamLqSatSclFac_Uls_u2p14[0][2]	4915	
2_CurrParamLqSatSclFac_Uls_u2p14[0][3]	6554	
2_CurrParamLqSatSclFac_Uls_u2p14[0][4]	8192	
2_CurrParamLqSatSclFac_Uls_u2p14[0][5]	9830	
2_CurrParamLqSatSclFac_Uls_u2p14[0][6]	11469	
2_CurrParamLqSatSclFac_Uls_u2p14[1][0]	13107	
2_CurrParamLqSatSclFac_Uls_u2p14[1][1]	14746	
t2_CurrParamLqSatSclFac_Uls_u2p14[1][2]	16384	
t2_CurrParamLqSatSclFac_Uls_u2p14[1][3]	18022	
2_CurrParamLqSatSclFac_Uls_u2p14[1][4]	19661	
2_CurrParamLqSatSclFac_Uls_u2p14[1][5]	21299	
2_CurrParamLqSatSclFac_Uls_u2p14[1][6]	22938	
2_CurrParamLqSatSclFac_Uls_u2p14[2][0]	24576	
2_CurrParamLqSatSclFac_Uls_u2p14[2][1]	26214	
2_CurrParamLqSatSclFac_Uls_u2p14[2][2]	27853	
2_CurrParamLqSatSclFac_Uls_u2p14[2][3]	29491	
:2_CurrParamLqSatScIFac_Uls_u2p14[2][4] :2 CurrParamLqSatScIFac Uls u2p14[2][5]	31130	
z_CurrParamLqSatSctFac_Ois_uzp14[z][6] 2 CurrParamLqSatSctFac Uls u2p14[2][6]	31949 32768	
2_CurrParamLqSatScIFac_Ois_u2p14[2][0] 2_CurrParamLqSatScIFac_Uls_u2p14[3][0]	3277	
	6554	
2_CurrParamLqSatSclFac_Uls_u2p14[3][1] 2_CurrParamLqSatSclFac_Uls_u2p14[3][2]	8192	
:z_currParamLqSatSciFac_0is_uzp14[3][2] :2_CurrParamLqSatSciFac_Uls_u2p14[3][3]	11469	
z_CurrParamLqSatSctFac_Ois_uzp14[3][3] 2_CurrParamLqSatSctFac_Uls_u2p14[3][4]	14746	
z_currParamLqSatSctFac_0is_uzp14[3][4] 2_CurrParamLqSatSctFac_Uls_u2p14[3][5]	29491	
2_CurrParamLqSatSclFac_Uls_u2p14[3][6]	31130	
2_CurrParamLqSatScIFac_Uls_u2p14[4][0]	1638	
2_CurrParamLqSatScIFac_Uls_u2p14[4][1]	3277	
2 CurrParamLqSatScIFac Uls u2p14[4][2]	4915	
2 CurrParamLqSatScIFac Uls u2p14[4][3]	6554	
2_CurrParamLqSatSclFac_Uls_u2p14[4][4]	8192	
2_CurrParamLqSatSclFac_Uls_u2p14[4][5]	9830	
2_CurrParamLqSatSclFac_Uls_u2p14[4][6]	11469	
2_CurrParamLqSatSclFac_Uls_u2p14[5][0]	13107	
2_CurrParamLqSatSclFac_Uls_u2p14[5][1]	14746	
2_CurrParamLqSatSclFac_Uls_u2p14[5][2]	16384	
2_CurrParamLqSatSclFac_Uls_u2p14[5][3]	18022	
2_CurrParamLqSatSclFac_Uls_u2p14[5][4]	19661	
2_CurrParamLqSatSclFac_Uls_u2p14[5][5]	21299	
2_CurrParamLqSatSclFac_Uls_u2p14[5][6]	22938	
_CurrParamCompDaxRef_Amp_u9p7[0]	1408	
_CurrParamCompDaxRef_Amp_u9p7[1]	2816	
_CurrParamCompDaxRef_Amp_u9p7[2]	4224	
_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]	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_KeSatTbIY_Uls_u2p14[14]	4096
t_KeSatTbIY_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_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3:	1
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gt-tto_mot_tp_ount dramountp_ten_minountp_te				
Name	Actual Value	Expected Value	Result	
FastDataAccessBufIndex_Cnt_M_u16	0	0	~	
MtrEstKe_VpRadpS_M_f32[0]	0.029999993	0.029999993	•	
MtrEstKe_VpRadpS_M_f32[1]	0.0270000007	0.0270000007	~	
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.029999993	0.029999993	~	
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	

CurrParamComp_Per1

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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	0.030999995
k MinLdRngLmt Henry f32	0.000220000002
k_MinLqRngLmt_Henry_f32	0.00025000002
	0.039999991
k_MinRRngLmt_Ohm_f32	
k_NomLd_Henry_f32	2.9999992e-005
k_NomLq_Henry_f32	3.999999e-005
t2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSclFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSclFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatSclFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSclFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSclFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSclFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSclFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSclFac_Uls_u2p14[0][1]	3277
t2 CurrParamLqSatScIFac Uls u2p14[0][1]	4915
t2_CurrParamLqSatSciFac_Uis_u2p14[0][2]	6554
	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[0][4]	
t2_CurrParamLqSatSclFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSclFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSclFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSclFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSclFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSclFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSclFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSclFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSclFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSclFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSclFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSclFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSclFac_Uls_u2p14[2][5]	31949
Sidingdodion do_olo_depin[e][o]	10.00

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CurrParamComp_Per1 Input Value t2 CurrParamLqSatSclFac Uls u2p14[2][6] 32768 3277 t2_CurrParamLqSatSclFac_Uls_u2p14[3][0] t2 CurrParamLqSatSclFac Uls_u2p14[3][1] 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[3][2] 8192 t2 CurrParamLqSatSclFac_Uls_u2p14[3][3] 11469 t2_CurrParamLqSatSclFac_Uls_u2p14[3][4] 14746 t2 CurrParamLqSatSclFac Uls u2p14[3][5] 29491 t2_CurrParamLqSatSclFac_Uls_u2p14[3][6] 31130 t2_CurrParamLqSatSclFac_Uls_u2p14[4][0] 1638 $t2_CurrParamLqSatSclFac_Uls_u2p14[4][1]$ 3277 t2_CurrParamLqSatSclFac_Uls_u2p14[4][2] 4915 $t2_CurrParamLqSatSclFac_Uls_u2p14[4][3]$ 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[4][4] 8192 t2_CurrParamLqSatSclFac_Uls_u2p14[4][5] 9830 t2_CurrParamLqSatSclFac_Uls_u2p14[4][6] 11469 t2_CurrParamLqSatSclFac_Uls_u2p14[5][0] 13107 t2_CurrParamLqSatSclFac_Uls_u2p14[5][1] 14746 16384 t2 CurrParamLqSatSclFac Uls u2p14[5][2] t2_CurrParamLqSatSclFac_Uls_u2p14[5][3] 18022 t2_CurrParamLqSatSclFac_Uls_u2p14[5][4] 19661 t2_CurrParamLqSatSclFac_Uls_u2p14[5][5] 21299 t2_CurrParamLqSatSclFac_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 24320 t CurrParamCompQaxRef Amp u9p7[0] $t_CurrParamCompQaxRef_Amp_u9p7[1]$ 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 1280 t_KeSatTblX_Amp_u9p7[0] t_KeSatTblX_Amp_u9p7[1] 2560 3840 t_KeSatTblX_Amp_u9p7[2] t_KeSatTblX_Amp_u9p7[3] 5120 t_KeSatTblX_Amp_u9p7[4] 6400 t_KeSatTblX_Amp_u9p7[5] 7680 8960 t_KeSatTblX_Amp_u9p7[6] 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

> 14285 14439

6554

14606

16244

158.324005

-23 0939999

tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32

tgt_CurrParamComp_Per1_EstLd_Henry_f32

tgt_CurrParamComp_Per1_EstLq_Henry_f32

tgt_CurrParamComp_Per1_EstR_Ohm_f32

tot CurrParamComp Per1 MtrCurrDaxRef Amp f32.value

tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value

 $tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32$

tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32

tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32

 $tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32$

t_KeSatTblY_Uls_u2p14[11]

t_KeSatTblY_Uls_u2p14[12] t_KeSatTblY_Uls_u2p14[13]

t_KeSatTblY_Uls_u2p14[14]

t_KeSatTblY_Uls_u2p14[15]

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Name	Input Value		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_A	Amp_f32	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3.56 and fine the comparameter of th$	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)	Input Value
EstKeFF_VpRadpS_M_f32	0.0549999997
EstRFF_Ohm_M_f32	0.0476866998
FastDataAccessBufIndex_Cnt_M_u16	1
MtrEstKe_VpRadpS_M_f32[0]	0.029999993
MtrEstKe_VpRadpS_M_f32[1]	0.030999995
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
x_MaxKeRngLmt_VpRadpS_f32	0.0689999983
_MaxLdRngLmt_Henry_f32	0.00033000001
_MaxLqRngLmt_Henry_f32	0.000310000003
_MaxRRngLmt_Ohm_f32	0.0260000005
_MinKeRngLmt_VpRadpS_f32	0.0320000015
_MinLdRngLmt_Henry_f32	0.000230000005
_MinLqRngLmt_Henry_f32	0.000260000001
_MinRRngLmt_Ohm_f32	0.0410000011
_NomLd_Henry_f32	0.000410000008
_NomLq_Henry_f32	4.99999987e-005
2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830
2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384
2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022
2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661
2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299
2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938
2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576
2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214
2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853
2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491
2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949
2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	11469
2_CurrParamLdSatScIFac_UIs_u2p14[3][4]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[3][5]	29491
z_CurrParamLdSatScIFac_Uis_uzp14[3][6] 2_CurrParamLdSatScIFac_Uis_u2p14[3][6]	31130
	1638
2_CurrParamLdSatSclFac_Uls_u2p14[4][0]	
2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[4][2]	4915
2_CurrParamLdSatSclFac_Uls_u2p14[4][3]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830

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Input Value t2 CurrParamLdSatSclFac Uls u2p14[4][6] 11469 13107 t2_CurrParamLdSatSclFac_Uls_u2p14[5][0] t2 CurrParamLdSatSclFac Uls_u2p14[5][1] 14746 t2_CurrParamLdSatSclFac_Uls_u2p14[5][2] 16384 t2 CurrParamLdSatSclFac Uls u2p14[5][3] 18022 t2_CurrParamLdSatSclFac_Uls_u2p14[5][4] 19661 t2 CurrParamLdSatSclFac Uls u2p14[5][5] 21299 t2_CurrParamLdSatSclFac_Uls_u2p14[5][6] 22938 t2_CurrParamLqSatSclFac_Uls_u2p14[0][0] 1638 $t2_CurrParamLqSatSclFac_Uls_u2p14[0][1]$ 3277 t2_CurrParamLqSatSclFac_Uls_u2p14[0][2] 4915 $t2_CurrParamLqSatSclFac_Uls_u2p14[0][3]$ 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[0][4] 8192 9830 t2 CurrParamLqSatSclFac Uls u2p14[0][5] t2_CurrParamLqSatSclFac_Uls_u2p14[0][6] 11469 t2_CurrParamLqSatSclFac_Uls_u2p14[1][0] 13107 t2_CurrParamLqSatSclFac_Uls_u2p14[1][1] 14746 16384 t2 CurrParamLqSatSclFac Uls u2p14[1][2] t2_CurrParamLqSatSclFac_Uls_u2p14[1][3] 18022 t2_CurrParamLqSatSclFac_Uls_u2p14[1][4] 19661 t2_CurrParamLqSatSclFac_Uls_u2p14[1][5] 21299 t2_CurrParamLqSatSclFac_Uls_u2p14[1][6] 22938 t2_CurrParamLqSatSclFac_Uls_u2p14[2][0] 24576 t2_CurrParamLqSatSclFac_Uls_u2p14[2][1] 26214 t2_CurrParamLqSatSclFac_Uls_u2p14[2][2] 27853 t2_CurrParamLqSatSclFac_Uls_u2p14[2][3] 29491 t2 CurrParamLqSatSclFac Uls u2p14[2][4] 31130 t2_CurrParamLqSatSclFac_Uls_u2p14[2][5] 31949 t2 CurrParamLqSatSclFac Uls u2p14[2][6] 32768 t2_CurrParamLqSatSclFac_Uls_u2p14[3][0] 3277 t2 CurrParamLqSatSclFac Uls u2p14[3][1] 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[3][2] 8192 t2 CurrParamLqSatSclFac Uls u2p14[3][3] 11469 t2_CurrParamLqSatSclFac_Uls_u2p14[3][4] 14746 t2_CurrParamLqSatSclFac_Uls_u2p14[3][5] 29491 31130 t2_CurrParamLqSatSclFac_Uls_u2p14[3][6] t2_CurrParamLqSatSclFac_Uls_u2p14[4][0] 1638 t2_CurrParamLqSatSclFac_Uls_u2p14[4][1] 3277 t2_CurrParamLqSatSclFac_Uls_u2p14[4][2] 4915 t2_CurrParamLqSatSclFac_Uls_u2p14[4][3] 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[4][4] 8192 t2 CurrParamLqSatSclFac_Uls_u2p14[4][5] 9830 t2_CurrParamLqSatSclFac_Uls_u2p14[4][6] 11469 t2_CurrParamLqSatSclFac_Uls_u2p14[5][0] 13107 $t2_CurrParamLqSatSclFac_Uls_u2p14[5][1]$ 14746 t2_CurrParamLqSatSclFac_Uls_u2p14[5][2] 16384 t2 CurrParamLqSatSclFac Uls u2p14[5][3] 18022 t2_CurrParamLqSatSclFac_Uls_u2p14[5][4] 19661 t2 CurrParamLqSatSclFac Uls u2p14[5][5] 21299 t2_CurrParamLqSatSclFac_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 7680 t CurrParamCompQaxRef Amp u9p7[5] t_CurrParamCompQaxRef_Amp_u9p7[6] 8960 1408 t_KeSatTblX_Amp_u9p7[0] 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

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Name	Input Value
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	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
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3222222222222222222222222222222222222$	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3:	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32

Actual Value	Expected Value	Result
0	0	~
0.0320000015	0.0320000015	•
0.0309999995	0.0309999995	•
0.0320000015	0.0320000015	•
0.000230000005	0.000230000005 ± 0.0000000009	~
0.000260000001	0.000260000001 ± 0.0625	•
0.0260000005	0.0260000005	~
	0 0.0320000015 0.0309999995 0.0320000015 0.000230000005 0.000260000001	0 0 0.0320000015 0.0320000015 0.0309999995 0.0309999995 0.0320000015 0.0320000015 0.000230000005 0.000230000005 ± 0.000000009 0.000260000001 0.000260000001 ± 0.0625

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	0.00026999999
k_MinRRngLmt_Ohm_f32	0.0419999994
k_NomLd_Henry_f32	0.000118889999
k_NomLq_Henry_f32	5.9999985e-005
t2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830

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Name	Input Value
t2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938
t2 CurrParamLdSatSclFac UIs u2p14[2][0]	24576
t2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSclFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSclFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSclFac_UIs_u2p14[4][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatSclFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSclFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSclFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSclFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSclFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSclFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSclFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSclFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSclFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSclFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSclFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSclFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSclFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSclFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSclFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSclFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSclFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSclFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSclFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSclFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSclFac_Uls_u2p14[3][1]	6554
t2 CurrParamLqSatSclFac Uls u2p14[3][2]	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSclFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSclFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciPac_Uis_u2p14[4][0] t2_CurrParamLqSatSciPac_Uis_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uis_u2p14[4][1] t2_CurrParamLqSatSciFac_Uis_u2p14[4][2]	4915
tz_CurrParamLqSatSciFac_Uis_u2p14[4][2] t2_CurrParamLqSatSciFac_Uis_u2p14[4][3]	6554
t2_CurrParamLqSatSclFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSclFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[5][0] t2_CurrParamLqSatSclFac_Uls_u2p14[5][1]	13107 14746

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	I		
Name	Input Value		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][2]	16384		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][3]	18022		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][4]	19661		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][5]	21299		
t2_CurrParamLqSatSclFac_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 27136		
t_CurrParamCompDaxRef_Amp_u9p7[4]	16000		
t_CurrParamCompDaxRef_Amp_u9p7[5] 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_KeSatTbIX_Amp_u9p7[1]	1920		
t_KeSatTbIX_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_KeSatTbIY_UIs_u2p14[0]	2130		
t_KeSatTbIY_UIs_u2p14[1]	2294		
t_KeSatTblY_Uls_u2p14[2]	2458		
t_KeSatTblY_Uls_u2p14[3]	1966		
t_KeSatTblY_Uls_u2p14[4]	2785 2949		
t_KeSatTblY_Uls_u2p14[5] t_KeSatTblY_Uls_u2p14[6]	3113		
t_KeSatTblY_Uls_u2p14[7]	3277		
t_KeSatTblY_Uls_u2p14[8]	2621		
t KeSatTbIY 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	2	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32	2	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3222222222222222222222222222222222222$		· -	
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	0.00026999999	0.00026999999 ± 0.0625	~

0.0270000007

0.0270000007

 $tgt_CurrParamComp_Per1_EstR_Ohm_f32.value$





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_MaxRngLmt_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	7.0000019e-005
t2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
t2 CurrParamLdSatSclFac UIs u2p14[1][1]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSclFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSclFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatSclFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSclFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSclFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSclFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSclFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSclFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSclFac_Uls_u2p14[0][2]	4915

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Name	Input Value	
2_CurrParamLqSatSclFac_Uls_u2p14[0][3]	6554	
2_CurrParamLqSatSclFac_Uls_u2p14[0][4]	8192	
2_CurrParamLqSatSclFac_Uls_u2p14[0][5]	9830	
2_CurrParamLqSatSclFac_Uls_u2p14[0][6]	11469	
2_CurrParamLqSatSclFac_Uls_u2p14[1][0]	13107	
2_CurrParamLqSatSclFac_Uls_u2p14[1][1]	14746	
2_CurrParamLqSatSclFac_Uls_u2p14[1][2]	16384	
2_CurrParamLqSatSclFac_Uls_u2p14[1][3]	18022	
:2_CurrParamLqSatSclFac_Uls_u2p14[1][4]	19661	
2_CurrParamLqSatSclFac_Uls_u2p14[1][5]	21299	
2_CurrParamLqSatScIFac_Uls_u2p14[1][6]	22938	
	24576	
2_CurrParamLqSatSclFac_Uls_u2p14[2][0]		
2_CurrParamLqSatSclFac_Uls_u2p14[2][1]	26214	
2_CurrParamLqSatScIFac_Uls_u2p14[2][2]	27853	
2_CurrParamLqSatSclFac_Uls_u2p14[2][3]	29491	
2_CurrParamLqSatSclFac_Uls_u2p14[2][4]	31130	
2_CurrParamLqSatSclFac_Uls_u2p14[2][5]	31949	
2_CurrParamLqSatSclFac_Uls_u2p14[2][6]	32768	
2_CurrParamLqSatSclFac_Uls_u2p14[3][0]	3277	
2_CurrParamLqSatSclFac_Uls_u2p14[3][1]	6554	
2_CurrParamLqSatSclFac_Uls_u2p14[3][2]	8192	
2_CurrParamLqSatSclFac_Uls_u2p14[3][3]	11469	
2_CurrParamLqSatSclFac_Uls_u2p14[3][4]	14746	
2_CurrParamLqSatSclFac_Uls_u2p14[3][5]	29491	
2_CurrParamLqSatSclFac_Uls_u2p14[3][6]	31130	
2_CurrParamLqSatSclFac_Uls_u2p14[4][0]	1638	
2_CurrParamLqSatSclFac_Uls_u2p14[4][1]	3277	
2_CurrParamLqSatSclFac_Uls_u2p14[4][2]	4915	
2_CurrParamLqSatSclFac_Uls_u2p14[4][3]	6554	
	8192	
2_CurrParamLqSatSclFac_Uls_u2p14[4][4]	9830	
2_CurrParamLqSatSclFac_Uls_u2p14[4][5]		
2_CurrParamLqSatSclFac_Uls_u2p14[4][6]	11469	
2_CurrParamLqSatSclFac_Uls_u2p14[5][0]	13107	
2_CurrParamLqSatSclFac_Uls_u2p14[5][1]	14746	
2_CurrParamLqSatSclFac_Uls_u2p14[5][2]	16384	
2_CurrParamLqSatSclFac_Uls_u2p14[5][3]	18022	
2_CurrParamLqSatSclFac_Uls_u2p14[5][4]	19661	
2_CurrParamLqSatSclFac_Uls_u2p14[5][5]	21299	
2_CurrParamLqSatSclFac_Uls_u2p14[5][6]	22938	
_CurrParamCompDaxRef_Amp_u9p7[0]	8960	
CurrParamCompDaxRef_Amp_u9p7[1]	10240	
 CurrParamCompDaxRef_Amp_u9p7[2]	11520	
CurrParamCompDaxRef Amp u9p7[3]	12800	
CurrParamCompDaxRef Amp u9p7[4]	14080	
CurrParamCompDaxRef Amp u9p7[5]	15360	
_CurrParamCompQaxRef_Amp_u9p7[0]	16640	
_CurrParamCompQaxRef_Amp_u9p7[1]	17920	
_CurrParamCompQaxRef_Amp_u9p7[2]	19200	
_CurrParamCompQaxRef_Amp_u9p7[3]	20480	
_CurrParamCompQaxRef_Amp_u9p7[4]	21760	
_CurrParamCompQaxRef_Amp_u9p7[5]	23040	
_CurrParamCompQaxRef_Amp_u9p7[6]	25600	
_KeSatTblX_Amp_u9p7[0]	1280	
_KeSatTblX_Amp_u9p7[1]	2560	
_KeSatTblX_Amp_u9p7[2]	3840	
_KeSatTblX_Amp_u9p7[3]	5120	
KeSatTblX_Amp_u9p7[4]	6400	
KeSatTblX_Amp_u9p7[5]	7680	
_KeSatTblX_Amp_u9p7[6]	8960	
_KeSatTblX_Amp_u9p7[7]	10240	
_KeSatTblX_Amp_u9p7[8]	11520	
_KeSatTblX_Amp_u9p7[9]	12800	
	14080	
_KeSatTblX_Amp_u9p7[10]		
_KeSatTblX_Amp_u9p7[11]	15360	
_KeSatTblX_Amp_u9p7[12]	16640	
_KeSatTblX_Amp_u9p7[13]	17920	
_KeSatTblX_Amp_u9p7[14]	19200	
_KeSatTblX_Amp_u9p7[15]	20480	
_KeSatTblY_Uls_u2p14[0]	1802	
_KeSatTblY_Uls_u2p14[1]	1966	
KeSatTblY_Uls_u2p14[2]	2130	
_KeSatTblY_Uls_u2p14[3]	2458	

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Name	Input Value		
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	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	S_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f3	2	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f3	2	
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]	0.0250000004	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 ± 0.000000000	09 💌
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)	v v v v v v v v v v v v v v v v v v v
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	7.999998e-005
t2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853

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Name	Input Value
t2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	14746 29491
t2_CurrParamLdSatSclFac_Uls_u2p14[3][5] t2_CurrParamLdSatSclFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatSclFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSclFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSclFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSclFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSclFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSclFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSclFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSclFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSclFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSclFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSclFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSclFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSclFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSclFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSclFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSclFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSclFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSclFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSclFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSclFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSclFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSclFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSclFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSclFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSclFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSclFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSclFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSclFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSclFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSclFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSclFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSclFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSclFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSclFac_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
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3:$	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32

tg_nte_inst_Ap_ount aramoomp. out and compared and an armoomp of the instance and an armoomp.			
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	0.029999993
k_MinKeRngLmt_VpRadpS_f32	0.0260000005
k MinLdRngLmt Henry f32	0.00026999999
k_MinLqRngLmt_Henry_f32	0.000300000014
k_MinRRngLmt_Ohm_f32	0.0450000018 0.000239999994
k_NomLd_Henry_f32	
k_NomLq_Henry_f32	9.0000014e-005
t2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSclFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSclFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatSclFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSclFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSclFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSclFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSclFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSclFac_Uls_u2p14[0][1]	3277
t2 CurrParamLqSatScIFac Uls u2p14[0][2]	4915
t2_CurrParamLqSatSciFac_Uls_u2p14[0][3]	6554
	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[0][4]	
t2_CurrParamLqSatSclFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSclFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSclFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSclFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSclFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSclFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSclFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSclFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSclFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSclFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSclFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSclFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSclFac_Uls_u2p14[2][5]	31949
Sidmedodioon do_olo_depin[e][o]	10.0

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Input Value t2 CurrParamLqSatSclFac Uls u2p14[2][6] 32768 3277 t2_CurrParamLqSatSclFac_Uls_u2p14[3][0] t2 CurrParamLqSatSclFac Uls u2p14[3][1] 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[3][2] 8192 t2 CurrParamLqSatSclFac_Uls_u2p14[3][3] 11469 t2_CurrParamLqSatSclFac_Uls_u2p14[3][4] 14746 t2 CurrParamLqSatSclFac Uls u2p14[3][5] 29491 t2_CurrParamLqSatSclFac_Uls_u2p14[3][6] 31130 t2_CurrParamLqSatSclFac_Uls_u2p14[4][0] 1638 $t2_CurrParamLqSatSclFac_Uls_u2p14[4][1]$ 3277 t2_CurrParamLqSatSclFac_Uls_u2p14[4][2] 4915 $t2_CurrParamLqSatSclFac_Uls_u2p14[4][3]$ 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[4][4] 8192 t2_CurrParamLqSatSclFac_Uls_u2p14[4][5] 9830 t2_CurrParamLqSatSclFac_Uls_u2p14[4][6] 11469 t2_CurrParamLqSatSclFac_Uls_u2p14[5][0] 13107 t2_CurrParamLqSatSclFac_Uls_u2p14[5][1] 14746 16384 t2 CurrParamLqSatSclFac Uls u2p14[5][2] t2_CurrParamLqSatSclFac_Uls_u2p14[5][3] 18022 t2_CurrParamLqSatSclFac_Uls_u2p14[5][4] 19661 t2_CurrParamLqSatSclFac_Uls_u2p14[5][5] 21299 t2_CurrParamLqSatSclFac_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 1280 t CurrParamCompQaxRef Amp u9p7[0] $t_CurrParamCompQaxRef_Amp_u9p7[1]$ 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 640 t_KeSatTblX_Amp_u9p7[0] t_KeSatTblX_Amp_u9p7[1] 1920 3200 t_KeSatTblX_Amp_u9p7[2] t_KeSatTblX_Amp_u9p7[3] 4480 t_KeSatTblX_Amp_u9p7[4] 5760 t_KeSatTblX_Amp_u9p7[5] 7040 8320 t_KeSatTblX_Amp_u9p7[6] 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 3768 t_KeSatTblY_Uls_u2p14[12] t_KeSatTblY_Uls_u2p14[13] 3932 t_KeSatTblY_Uls_u2p14[14] 4096 t_KeSatTblY_Uls_u2p14[15] 4260 tot 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_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]	0.0260000005	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	0.029999993	0.029999993	~

Test Step Call Trace				V
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	~

Name	Input Value
EstKeFF VpRadpS M f32	0.059999987
	0.0393939367
EstRFF_Ohm_M_f32 FastDataAccessBufIndex_Cnt_M_u16	0
	0.0280000009
/trEstKe_VpRadpS_M_f32[0]	0.0289999992
MtrEstKe_VpRadpS_M_f32[1]	
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
_MaxKeRngLmt_VpRadpS_f32	0.0250000004
MaxLdRngLmt_Henry_f32	0.000380000012
MaxLqRngLmt_Henry_f32	0.000239999994
_MaxRRngLmt_Ohm_f32	0.030999995
MinKeRngLmt_VpRadpS_f32	0.0260000005
_MinLdRngLmt_Henry_f32	0.000280000007
_MinLqRngLmt_Henry_f32	0.000310000003
_MinRRngLmt_Ohm_f32	0.0460000001
_NomLd_Henry_f32	0.000250000012
C_NomLq_Henry_f32	9.9999975e-005
2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830
2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384
2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022
2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661
2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299
2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938
2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576
2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214
2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853
2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491
2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949
2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768
2 CurrParamLdSatScIFac Uls u2p14[3][0]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	6554
2_CurrParamLdSatSciFac_Uls_u2p14[3][2]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	11469
2_CurrParamLdSatScIFac_Uis_u2p14[3][4]	14746
2_CurrParamLdSatScIFac_Uis_u2p14[3][4] 2_CurrParamLdSatScIFac_UIs_u2p14[3][5]	29491
2_CurrParamLdSatSclFac_Uls_u2p14[3][6]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[4][0]	1638
2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[4][2]	4915
2_CurrParamLdSatSclFac_Uls_u2p14[4][3]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[4][4] 2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	8192 9830

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Input Value t2 CurrParamLdSatSclFac Uls u2p14[4][6] 11469 13107 t2_CurrParamLdSatSclFac_Uls_u2p14[5][0] t2 CurrParamLdSatSclFac Uls u2p14[5][1] 14746 t2_CurrParamLdSatSclFac_Uls_u2p14[5][2] 16384 t2 CurrParamLdSatSclFac Uls u2p14[5][3] 18022 t2_CurrParamLdSatSclFac_Uls_u2p14[5][4] 19661 t2 CurrParamLdSatSclFac Uls u2p14[5][5] 21299 t2_CurrParamLdSatSclFac_Uls_u2p14[5][6] 22938 t2_CurrParamLqSatSclFac_Uls_u2p14[0][0] 1638 $t2_CurrParamLqSatSclFac_Uls_u2p14[0][1]$ 3277 t2_CurrParamLqSatSclFac_Uls_u2p14[0][2] 4915 $t2_CurrParamLqSatSclFac_Uls_u2p14[0][3]$ 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[0][4] 8192 t2_CurrParamLqSatSclFac_Uls_u2p14[0][5] 9830 t2_CurrParamLqSatSclFac_Uls_u2p14[0][6] 11469 t2 CurrParamLqSatSclFac Uls u2p14[1][0] 13107 t2_CurrParamLqSatSclFac_Uls_u2p14[1][1] 14746 16384 t2 CurrParamLqSatSclFac Uls u2p14[1][2] t2_CurrParamLqSatSclFac_Uls_u2p14[1][3] 18022 t2_CurrParamLqSatSclFac_Uls_u2p14[1][4] 19661 t2_CurrParamLqSatSclFac_Uls_u2p14[1][5] 21299 t2_CurrParamLqSatSclFac_Uls_u2p14[1][6] 22938 t2_CurrParamLqSatSclFac_Uls_u2p14[2][0] 24576 t2_CurrParamLqSatSclFac_Uls_u2p14[2][1] 26214 t2_CurrParamLqSatSclFac_Uls_u2p14[2][2] 27853 t2_CurrParamLqSatSclFac_Uls_u2p14[2][3] 29491 t2 CurrParamLqSatSclFac Uls u2p14[2][4] 31130 t2_CurrParamLqSatSclFac_Uls_u2p14[2][5] 31949 t2 CurrParamLqSatSclFac Uls u2p14[2][6] 32768 t2_CurrParamLqSatSclFac_Uls_u2p14[3][0] 3277 t2 CurrParamLqSatSclFac Uls u2p14[3][1] 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[3][2] 8192 t2 CurrParamLqSatSclFac Uls u2p14[3][3] 11469 t2_CurrParamLqSatSclFac_Uls_u2p14[3][4] 14746 t2_CurrParamLqSatSclFac_Uls_u2p14[3][5] 29491 31130 t2_CurrParamLqSatSclFac_Uls_u2p14[3][6] t2_CurrParamLqSatSclFac_Uls_u2p14[4][0] 1638 t2_CurrParamLqSatSclFac_Uls_u2p14[4][1] 3277 t2_CurrParamLqSatSclFac_Uls_u2p14[4][2] 4915 t2 CurrParamLqSatSclFac_Uls_u2p14[4][3] 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[4][4] 8192 t2 CurrParamLqSatSclFac_Uls_u2p14[4][5] 9830 t2_CurrParamLqSatSclFac_Uls_u2p14[4][6] 11469 t2_CurrParamLqSatSclFac_Uls_u2p14[5][0] 13107 $t2_CurrParamLqSatSclFac_Uls_u2p14[5][1]$ 14746 t2_CurrParamLqSatSclFac_Uls_u2p14[5][2] 16384 t2 CurrParamLqSatSclFac Uls u2p14[5][3] 18022 t2_CurrParamLqSatSclFac_Uls_u2p14[5][4] 19661 t2_CurrParamLqSatSclFac_Uls_u2p14[5][5] 21299 t2_CurrParamLqSatSclFac_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 8448 t_CurrParamCompQaxRef_Amp_u9p7[5] t_CurrParamCompQaxRef_Amp_u9p7[6] 9856 1280 t_KeSatTblX_Amp_u9p7[0] 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_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]	2784
t_KeSatTblY_Uls_u2p14[6]	4096
t_KeSatTbIY_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	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_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]	0.0260000005	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]	0.029999993
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_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830

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Name	Input Value
t2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938
t2 CurrParamLdSatSclFac UIs u2p14[2][0]	24576
t2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSclFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSclFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSclFac_UIs_u2p14[4][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatSclFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSclFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSclFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSclFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSclFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSclFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSclFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSclFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSclFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSclFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSclFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSclFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSclFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSclFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSclFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSclFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSclFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSclFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSclFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSclFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSclFac_Uls_u2p14[3][1]	6554
t2 CurrParamLqSatSclFac Uls u2p14[3][2]	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSclFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSclFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciPac_Uis_u2p14[4][0] t2_CurrParamLqSatSciPac_Uis_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uis_u2p14[4][1] t2_CurrParamLqSatSciFac_Uis_u2p14[4][2]	4915
tz_CurrParamLqSatSciFac_Uis_u2p14[4][2] t2_CurrParamLqSatSciFac_Uis_u2p14[4][3]	6554
t2_CurrParamLqSatSclFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSclFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[5][0] t2_CurrParamLqSatSclFac_Uls_u2p14[5][1]	13107 14746

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		•	
Name	Input Value		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][2]	16384		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][3]	18022		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][4]	19661		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][5]	21299		
t2_CurrParamLqSatSclFac_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_KeSatTblX_Amp_u9p7[0]	1408 2816		
t_KeSatTblX_Amp_u9p7[1] t KeSatTblX_Amp_u9p7[2]	4224		
	5632		
t_KeSatTblX_Amp_u9p7[3] 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_KeSatTbIX_Amp_u9p7[10]	15360		
t_KeSatTblX_Amp_u9p7[11]	16640		
t_KeSatTblX_Amp_u9p7[12]	17920		
t_KeSatTblX_Amp_u9p7[13]	19200		
t_KeSatTbIX_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_KeSatTbIY_Uls_u2p14[14]	13107		
t_KeSatTblY_Uls_u2p14[15]	14746		
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	-35.6240005		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp.Per1_EstKe_VpRadpS_f32	tgt CurrParamComp Per1 EstKe VpRadpS	3 f32	
tgt Rte Inst Ap CurrParamComp.CurrParamComp Per1 EstLd Henry f32	tgt_CurrParamComp_Per1_EstLd_Henry_f3:	_	
tgt Rte Inst Ap CurrParamComp.CurrParamComp Per1 EstLq Henry f32	tgt CurrParamComp Per1 EstLq Henry f3:		
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;		Amp f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3:		. –	
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	0	0	ixesuit
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	0.0003199999992 ± 0.0625	~
test CumPerson Comp. Bord. FetD. Ohm. 600 :	0.000000045	0.000000045	

0.0320000015

0.0320000015

tgt_CurrParamComp_Per1_EstR_Ohm_f32.value





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
<pre><_MaxKeRngLmt_VpRadpS_f32</pre>	0.0599999987
C_MaxLdRngLmt_Henry_f32	0.00039999999
MaxLqRngLmt Henry f32	0.000260000001
MaxRRngLmt Ohm f32	0.0329999998
<pre>K_MinKeRngLmt_VpRadpS_f32</pre>	0.0280000009
	0.000300000014
<pre>c_minLqRngLmt_Henry_f32</pre>	0.00033000001
C_MinRRngLmt_Ohm_f32	0.0480000004
C_NomLd_Henry_f32	0.00026999999
	0.000119999997
:_NomLq_Henry_f32	
2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830
2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384
2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022
2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661
2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299
2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938
2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576
2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214
2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853
2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491
2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949
2 CurrParamLdSatScIFac Uls u2p14[2][6]	32768
2_CurrParamLdSatSciFac_Uls_u2p14[2][0] 2 CurrParamLdSatSciFac_Uls_u2p14[3][0]	3277
	6554
2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	
2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[3][5]	29491
2_CurrParamLdSatSclFac_Uls_u2p14[3][6]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[4][0]	1638
2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[4][2]	4915
2_CurrParamLdSatSclFac_Uls_u2p14[4][3]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830
2_CurrParamLdSatSclFac_Uls_u2p14[4][6]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	13107
2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	16384
2 CurrParamLdSatScIFac Uls u2p14[5][3]	18022
2_CurrParamLdSatSclFac_Uls_u2p14[5][4]	19661
2_CurrParamLdSatSclFac_Uls_u2p14[5][5]	21299
2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	22938
2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	1638
2_CurrParamLqSatSclFac_Uls_u2p14[0][1]	3277

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Curraramcomp_rerr	
Name	Input Value
t2_CurrParamLqSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[0][5]	9830
2_CurrParamLqSatSclFac_Uls_u2p14[0][6]	11469
2_CurrParamLqSatSclFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSclFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSclFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSclFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSclFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSclFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSclFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSclFac_Uls_u2p14[2][0]	26214
t2_CurrParamLqSatSclFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSclFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSclFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSclFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSclFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSclFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSclFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSclFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSclFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSclFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSclFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSclFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSclFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSclFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSclFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSclFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSclFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSclFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSclFac_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[4]	
	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_KeSatTbiX_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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Name	Input Value		
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	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	S_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	stLd_Henry_f32 tgt_CurrParamComp_Per1_EstLd_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	_q_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]	0.0280000009	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	0.032999998	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	0.00026999999
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	0.00499999989
k_NomLd_Henry_f32	0.000280000007
k_NomLq_Henry_f32	0.00013
t2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853

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Name	Input Value
t2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	14746 29491
t2_CurrParamLdSatSclFac_Uls_u2p14[3][5] t2_CurrParamLdSatSclFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatSclFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSclFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSclFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSclFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSclFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSclFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSclFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSclFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSclFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSclFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSclFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSclFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSclFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSclFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSclFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSclFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSclFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSclFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSclFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSclFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSclFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSclFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSclFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSclFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSclFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSclFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSclFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSclFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSclFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSclFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSclFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSclFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSclFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSclFac_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]	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	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3$	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3: tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32		

20 m2m2 f2+m semi-trib t-m semi-trib t-10 m t-m semi-trib (20 m t-m) (20 m t-m) t-m t-m t-m t-m t-m t-m t-m t-m			
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

CurrParamComp_Per1

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Curraramcomp_reri	TOPO (M
Name	Input Value
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
<pre><_MaxKeRngLmt_VpRadpS_f32</pre>	0.0270000007
k_MaxLdRngLmt_Henry_f32	0.000159999996
<pre>MaxLqRngLmt_Henry_f32</pre>	0.000280000007
MaxRRngLmt Ohm f32	0.0350000001
 K_MinKeRngLmt_VpRadpS_f32	0.029999993
MinLdRngLmt Henry f32	0.000319999992
:_MinLqRngLmt_Henry_f32	0.000349999988
_MinRRngLmt_Ohm_f32	0.125650004
NomLd Henry f32	0.00028999996
 	
_NomLq_Henry_f32	0.000140000004
2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830
2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
2 CurrParamLdSatSclFac Uls u2p14[1][2]	16384
2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022
2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661
2_CurrParamLdSatSciPac_Uis_u2p14[1][4] 2_CurrParamLdSatSciPac_Uis_u2p14[1][5]	21299
2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938
2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576
2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214
2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853
2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491
2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949
2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[3][5]	29491
2_CurrParamLdSatSclFac_Uls_u2p14[3][6]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[4][0]	1638
2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[4][2]	4915
2_CurrParamLdSatSclFac_Uls_u2p14[4][3]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830
2_CurrParamLdSatSclFac_Uls_u2p14[4][6]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	13107
2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	16384
2_CurrParamLdSatSclFac_Uls_u2p14[5][3]	18022
2 CurrParamLdSatSciFac Uls u2p14[5][4]	19661
2_CurrParamLdSatScIFac_UIs_u2p14[5][4]	21299
2_CurrParamLdSatSciFac_Dis_u2p14[5][5] 2_CurrParamLdSatSciFac_Uls_u2p14[5][6]	22938
2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	1638
2_CurrParamLqSatSclFac_Uls_u2p14[0][1]	3277
2_CurrParamLqSatSclFac_Uls_u2p14[0][2]	4915
2_CurrParamLqSatSclFac_Uls_u2p14[0][3]	6554
2_CurrParamLqSatSclFac_Uls_u2p14[0][4]	8192
2_CurrParamLqSatSclFac_Uls_u2p14[0][5]	9830
2_CurrParamLqSatSclFac_Uls_u2p14[0][6]	11469
2_CurrParamLqSatSclFac_Uls_u2p14[1][0]	13107
	14746
2_CurrParamLqSatSclFac_Uls_u2p14[1][2]	16384
2_CurrParamLqSatSclFac_Uls_u2p14[1][3]	18022
2_CurrParamLqSatSclFac_Uls_u2p14[1][4]	19661
2_CurrParamLqSatSclFac_Uls_u2p14[1][5]	21299
2_CurrParamLqSatSclFac_Uls_u2p14[1][6]	22938
2_CurrParamLqSatSclFac_Uls_u2p14[2][0]	24576
2_CurrParamLqSatSclFac_Uls_u2p14[2][1]	26214
2_CurrParamLqSatSclFac_Uls_u2p14[2][2]	27853
2_CurrParamLqSatSclFac_Uls_u2p14[2][3]	29491
2_CurrParamLqSatSclFac_Uls_u2p14[2][4]	31130

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CurrParamComp_Per1 Input Value t2 CurrParamLqSatSclFac Uls u2p14[2][6] 32768 3277 t2_CurrParamLqSatSclFac_Uls_u2p14[3][0] t2 CurrParamLqSatSclFac Uls_u2p14[3][1] 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[3][2] 8192 t2 CurrParamLqSatSclFac_Uls_u2p14[3][3] 11469 t2_CurrParamLqSatSclFac_Uls_u2p14[3][4] 14746 t2 CurrParamLqSatSclFac Uls u2p14[3][5] 29491 t2_CurrParamLqSatSclFac_Uls_u2p14[3][6] 31130 t2_CurrParamLqSatSclFac_Uls_u2p14[4][0] 1638 $t2_CurrParamLqSatSclFac_Uls_u2p14[4][1]$ 3277 t2_CurrParamLqSatSclFac_Uls_u2p14[4][2] 4915 $t2_CurrParamLqSatSclFac_Uls_u2p14[4][3]$ 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[4][4] 8192 t2_CurrParamLqSatSclFac_Uls_u2p14[4][5] 9830 t2_CurrParamLqSatSclFac_Uls_u2p14[4][6] 11469 13107 t2_CurrParamLqSatSclFac_Uls_u2p14[5][0] t2_CurrParamLqSatSclFac_Uls_u2p14[5][1] 14746 t2_CurrParamLqSatSclFac_Uls_u2p14[5][2] 16384 t2_CurrParamLqSatSclFac_Uls_u2p14[5][3] 18022 t2_CurrParamLqSatSclFac_Uls_u2p14[5][4] 19661 t2_CurrParamLqSatSclFac_Uls_u2p14[5][5] 21299 t2_CurrParamLqSatSclFac_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 1408 t CurrParamCompQaxRef Amp u9p7[0] $t_CurrParamCompQaxRef_Amp_u9p7[1]$ 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 1408 t_KeSatTblX_Amp_u9p7[0] t_KeSatTblX_Amp_u9p7[1] 2816 4224 t_KeSatTblX_Amp_u9p7[2] t_KeSatTblX_Amp_u9p7[3] 5632 t_KeSatTblX_Amp_u9p7[4] 7040 t_KeSatTblX_Amp_u9p7[5] 8448 9856 t_KeSatTblX_Amp_u9p7[6] 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 17920 t_KeSatTblX_Amp_u9p7[12] 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 9830 t_KeSatTblY_Uls_u2p14[12] t_KeSatTblY_Uls_u2p14[13] 11469 t_KeSatTblY_Uls_u2p14[14] 13107 t_KeSatTblY_Uls_u2p14[15] 14746 tot CurrParamComp Per1 MtrCurrDaxRef Amp f32.value -42.7840004

-40 9939995

tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32

tgt_CurrParamComp_Per1_EstLd_Henry_f32

tgt_CurrParamComp_Per1_EstLq_Henry_f32

tgt_CurrParamComp_Per1_EstR_Ohm_f32

tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value

 $tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32$

tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32

tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32

 $tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32$

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Name	Input Value				
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_tracking = 0.0000000000000000000000000000000000$	3: tgt_CurrParamComp_Per1_MtrCurrDaxRef_	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32			
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_restrictions and the state of the state $	3: tgt_CurrParamComp_Per1_MtrCurrQaxRef_	_Ampf32			
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]	0.029999993	0.029999993	~		
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.029999993	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	~

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
WirEstKe_VpRadpS_M_f32[1]	0.0270000007
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
<pre><_MaxKeRngLmt_VpRadpS_f32</pre>	0.0280000009
<pre><_www.com/ing_init_vpixaupo_ioz</pre> <pre><_MaxLdRngLmt_Henry_f32</pre>	0.000169999999
	0.00289999996
:_MaxLqRngLmt_Henry_f32	0.00289999990
C_MaxRrngLmt_Ohm_f32	
«_MinKeRngLmt_VpRadpS_f32	0.0309999995
(_MinLdRngLmt_Henry_f32	0.00033000001
_MinLqRngLmt_Henry_f32	0.00036000005
:_MinRRngLmt_Ohm_f32	0.0099999978
C_NomLd_Henry_f32	0.000300000014
C_NomLq_Henry_f32	0.000150000007
2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830
2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384
2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022
2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661
2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299
2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938
2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576
2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214
2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853
2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491
2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949
2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[3][5]	29491
2_CurrParamLdSatSclFac_Uls_u2p14[3][6]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[4][0]	1638
2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[4][2]	4915
2_CurrParamLdSatSclFac_Uls_u2p14[4][3]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830

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Name	Input Value
2_CurrParamLdSatSclFac_Uls_u2p14[4][6]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	13107
2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	16384
2_CurrParamLdSatSclFac_Uls_u2p14[5][3]	18022
2_CurrParamLdSatSclFac_Uls_u2p14[5][4]	19661
2_CurrParamLdSatSclFac_Uls_u2p14[5][5]	21299
2_CurrParamLdSatSclFac_Uls_u2p14[5][6]	22938
2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	1638
2_CurrParamLqSatSclFac_Uls_u2p14[0][1]	3277
2_CurrParamLqSatSclFac_Uls_u2p14[0][2]	4915
CurrParamLqSatSclFac_Uls_u2p14[0][3]	6554
_CurrParamLqSatSclFac_Uls_u2p14[0][4]	8192
_CurrParamLqSatSclFac_Uls_u2p14[0][5]	9830
_CurrParamLqSatSclFac_Uls_u2p14[0][6]	11469
	13107
currParamLqSatSclFac_Uls_u2p14[1][1]	14746
currParamLqSatSclFac_Uls_u2p14[1][2]	16384
	18022
CurrParamLqSatSclFac_Uls_u2p14[1][3]	
_CurrParamLqSatSclFac_Uls_u2p14[1][4]	19661
_CurrParamLqSatSclFac_Uls_u2p14[1][5]	21299
_CurrParamLqSatSclFac_Uls_u2p14[1][6]	22938
2_CurrParamLqSatSclFac_Uls_u2p14[2][0]	24576
_CurrParamLqSatSclFac_Uls_u2p14[2][1]	26214
_CurrParamLqSatSclFac_Uls_u2p14[2][2]	27853
_CurrParamLqSatSclFac_Uls_u2p14[2][3]	29491
_CurrParamLqSatSclFac_Uls_u2p14[2][4]	31130
CurrParamLqSatSclFac Uls u2p14[2][5]	31949
2_CurrParamLqSatSclFac_Uls_u2p14[2][6]	32768
P_CurrParamLqSatSclFac_Uls_u2p14[3][0]	3277
curr aramitqoatocii ac_ois_uzp14[oj[oj CurrParamLqSatSclFac_Uls_u2p14[3][1]	6554
!_CurrParamLqSatSclFac_Uls_u2p14[3][2]	8192
_CurrParamLqSatSclFac_Uls_u2p14[3][3]	11469
2_CurrParamLqSatSclFac_Uls_u2p14[3][4]	14746
2_CurrParamLqSatSclFac_Uls_u2p14[3][5]	29491
2_CurrParamLqSatSclFac_Uls_u2p14[3][6]	31130
2_CurrParamLqSatSclFac_Uls_u2p14[4][0]	1638
2_CurrParamLqSatSclFac_Uls_u2p14[4][1]	3277
_CurrParamLqSatSclFac_Uls_u2p14[4][2]	4915
CurrParamLqSatSclFac Uls u2p14[4][3]	6554
2_CurrParamLqSatSclFac_Uls_u2p14[4][4]	8192
2_CurrParamLqSatSclFac_Uls_u2p14[4][5]	9830
2_CurrParamLqSatSclFac_Uls_u2p14[4][6]	11469
2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	13107
2_CurrParamLqSatSclFac_Uls_u2p14[5][1]	14746
_CurrParamLqSatSclFac_Uls_u2p14[5][2]	16384
_CurrParamLqSatSclFac_Uls_u2p14[5][3]	18022
_CurrParamLqSatSclFac_Uls_u2p14[5][4]	19661
_CurrParamLqSatSclFac_Uls_u2p14[5][5]	21299
_CurrParamLqSatSclFac_Uls_u2p14[5][6]	22938
CurrParamCompDaxRef_Amp_u9p7[0]	8960
CurrParamCompDaxRef_Amp_u9p7[1]	10240
CurrParamCompDaxRef_Amp_u9p7[2]	11520
CurrParamCompDaxRef_Amp_u9p7[3]	12800
CurrParamCompDaxRef_Amp_u9p7[4]	14080
CurrParamCompDaxRef_Amp_u9p7[5]	15360
CurrParamCompQaxRef_Amp_u9p7[0]	16640
CurrParamCompQaxRef_Amp_u9p7[1]	17920
CurrParamCompQaxRef_Amp_u9p7[2]	19200
CurrParamCompQaxRef_Amp_u9p7[3]	20480
CurrParamCompQaxRef_Amp_u9p7[4]	21760
CurrParamCompQaxRef_Amp_u9p7[5]	23040
CurrParamCompQaxRef_Amp_u9p7[6]	25600
KeSatTblX_Amp_u9p7[0]	640
KeSatTbIX_Amp_u9p7[1]	1920
KeSatTblX_Amp_u9p7[2]	3200
KeSatTblX_Amp_u9p7[3]	4480
_KeSatTblX_Amp_u9p7[4]	5760
_KeSatTblX_Amp_u9p7[5]	7040
_KeSatTblX_Amp_u9p7[6]	8320
KeSatTblX_Amp_u9p7[7]	9600
KeSatTblX_Amp_u9p7[8]	10880
	12160

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Name	Input Value
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]	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]	14909
t_KeSatTblY_Uls_u2p14[14]	14982
t_KeSatTblY_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
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3222222222222222222222222222222222222$	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3:	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32

<u> </u>		·-	
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				V
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_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830

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Input Value t2 CurrParamLdSatSclFac_Uls_u2p14[0][6] 11469 13107 t2_CurrParamLdSatSclFac_Uls_u2p14[1][0] t2 CurrParamLdSatSclFac Uls_u2p14[1][1] 14746 t2_CurrParamLdSatSclFac_Uls_u2p14[1][2] 16384 t2 CurrParamLdSatSclFac Uls u2p14[1][3] 18022 t2_CurrParamLdSatSclFac_Uls_u2p14[1][4] 19661 t2 CurrParamLdSatSclFac Uls u2p14[1][5] 21299 t2_CurrParamLdSatSclFac_Uls_u2p14[1][6] 22938 t2_CurrParamLdSatSclFac_Uls_u2p14[2][0] 24576 $t2_CurrParamLdSatSclFac_Uls_u2p14[2][1]$ 26214 t2_CurrParamLdSatSclFac_Uls_u2p14[2][2] 27853 t2_CurrParamLdSatSclFac_Uls_u2p14[2][3] 29491 t2_CurrParamLdSatSclFac_Uls_u2p14[2][4] 31130 t2_CurrParamLdSatSclFac_Uls_u2p14[2][5] 31949 t2_CurrParamLdSatSclFac_Uls_u2p14[2][6] 32768 3277 t2 CurrParamLdSatSclFac Uls u2p14[3][0] t2_CurrParamLdSatSclFac_Uls_u2p14[3][1] 6554 t2_CurrParamLdSatSclFac_Uls_u2p14[3][2] 8192 t2_CurrParamLdSatSclFac_Uls_u2p14[3][3] 11469 t2_CurrParamLdSatSclFac_Uls_u2p14[3][4] 14746 t2_CurrParamLdSatSclFac_Uls_u2p14[3][5] 29491 t2_CurrParamLdSatSclFac_Uls_u2p14[3][6] 31130 t2_CurrParamLdSatSclFac_Uls_u2p14[4][0] 1638 t2_CurrParamLdSatSclFac_Uls_u2p14[4][1] 3277 t2_CurrParamLdSatSclFac_Uls_u2p14[4][2] 4915 t2_CurrParamLdSatSclFac_Uls_u2p14[4][3] 6554 t2_CurrParamLdSatSclFac_Uls_u2p14[4][4] 8192 t2_CurrParamLdSatSclFac_Uls_u2p14[4][5] 9830 t2 CurrParamLdSatSclFac Uls u2p14[4][6] 11469 t2_CurrParamLdSatSclFac_Uls_u2p14[5][0] 13107 t2 CurrParamLdSatSclFac Uls u2p14[5][1] 14746 t2_CurrParamLdSatSclFac_Uls_u2p14[5][2] 16384 t2 CurrParamLdSatSclFac Uls u2p14[5][3] 18022 t2_CurrParamLdSatSclFac_Uls_u2p14[5][4] 19661 t2_CurrParamLdSatSclFac_Uls_u2p14[5][5] 21299 22938 t2_CurrParamLdSatSclFac_Uls_u2p14[5][6] t2_CurrParamLqSatSclFac_Uls_u2p14[0][0] 1638 t2_CurrParamLqSatSclFac_Uls_u2p14[0][1] 3277 t2_CurrParamLqSatSclFac_Uls_u2p14[0][2] 4915 t2 CurrParamLqSatSclFac_Uls_u2p14[0][3] 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[0][4] 8192 t2 CurrParamLqSatSclFac_Uls_u2p14[0][5] 9830 t2_CurrParamLqSatSclFac_Uls_u2p14[0][6] 11469 t2_CurrParamLqSatSclFac_Uls_u2p14[1][0] 13107 $t2_CurrParamLqSatSclFac_Uls_u2p14[1][1]$ 14746 t2_CurrParamLqSatSclFac_Uls_u2p14[1][2] 16384 t2 CurrParamLqSatSclFac Uls u2p14[1][3] 18022 t2_CurrParamLqSatSclFac_Uls_u2p14[1][4] 19661 t2_CurrParamLqSatSclFac_Uls_u2p14[1][5] 21299 t2_CurrParamLqSatSclFac_Uls_u2p14[1][6] 22938 t2 CurrParamLqSatSclFac Uls u2p14[2][0] 24576 t2_CurrParamLqSatSclFac_Uls_u2p14[2][1] 26214 t2 CurrParamLqSatSclFac Uls u2p14[2][2] 27853 t2_CurrParamLqSatSclFac_Uls_u2p14[2][3] 29491 t2_CurrParamLqSatSclFac_Uls_u2p14[2][4] 31130 t2_CurrParamLqSatSclFac_Uls_u2p14[2][5] 31949 t2_CurrParamLqSatSclFac_Uls_u2p14[2][6] 32768 t2_CurrParamLqSatSclFac_Uls_u2p14[3][0] 3277 t2_CurrParamLqSatSclFac_Uls_u2p14[3][1] 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[3][2] 8192 t2_CurrParamLqSatSclFac_Uls_u2p14[3][3] 11469 14746 t2 CurrParamLqSatSclFac Uls u2p14[3][4] $t2_CurrParamLqSatSclFac_Uls_u2p14[3][5]$ 29491 t2_CurrParamLqSatSclFac_Uls_u2p14[3][6] 31130 t2_CurrParamLqSatSclFac_Uls_u2p14[4][0] 1638 3277 t2 CurrParamLqSatSclFac Uls u2p14[4][1] t2_CurrParamLqSatSclFac_Uls_u2p14[4][2] 4915 t2 CurrParamLqSatSclFac Uls u2p14[4][3] 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[4][4] 8192 t2_CurrParamLqSatSclFac_Uls_u2p14[4][5] 9830 t2_CurrParamLqSatSclFac_Uls_u2p14[4][6] 11469

13107

14746

t2_CurrParamLqSatSclFac_Uls_u2p14[5][0]

 $t2_CurrParamLqSatSclFac_Uls_u2p14[5][1]$

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CurrParamComp_Per1

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Name	Input Value		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][2]	16384		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][3]	18022		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][4]	19661		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][5]	21299		
t2_CurrParamLqSatSclFac_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 27136		
t_CurrParamCompQaxRef_Amp_u9p7[4] t_CurrParamCompQaxRef_Amp_u9p7[5]	16000		
	17280		
t_CurrParamCompQaxRef_Amp_u9p7[6] 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 4260		
t_KeSatTblY_Uls_u2p14[15]			
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value 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_EstKe_VpRadpS_f32 tgt_CurrParamComp_Per1_EstLd_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f3:		
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:	1	Amp f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3			
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]	0.0320000005	0.0320000005	
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	•

0.00499999989

0.00499999989

 $tgt_CurrParamComp_Per1_EstR_Ohm_f32.value$



est 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]	0.029999993
MtrEstKe_VpRadpS_M_f32[1]	0.0309999995
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
_MaxKeRngLmt_VpRadpS_f32	0.0299999993
C_MaxLdRngLmt_Henry_f32	0.000190000006
_MaxLqRngLmt_Henry_f32	0.000310000003
_MaxRRngLmt_Ohm_f32	0.125650004
_MinKeRngLmt_VpRadpS_f32	0.0329999998
_MinLdRngLmt_Henry_f32	0.000349999988
_MinLqRngLmt_Henry_f32	0.000380000012
C_MinRRngLmt_Ohm_f32	0.0350000001
S_NomLd_Henry_f32	0.000319999992
 _NomLq_Henry_f32	0.000169999999
2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
2 CurrParamLdSatSciFac Uls u2p14[0][4]	8192
2 CurrParamLdSatScIFac Uls u2p14[0][5]	9830
2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384
2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022
2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661
2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299
2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938
2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576
2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214
2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853
2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491
2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949
2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[3][5]	29491
2_CurrParamLdSatSclFac_Uls_u2p14[3][6]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[4][0]	1638
2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277
	4915
2_CurrParamLdSatSclFac_Uls_u2p14[4][2]	
2_CurrParamLdSatSclFac_Uls_u2p14[4][3]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192
2_CurrParamLdSatScIFac_UIs_u2p14[4][5]	9830
2_CurrParamLdSatScIFac_Uls_u2p14[4][6]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	13107
2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	16384
2_CurrParamLdSatSclFac_Uls_u2p14[5][3]	18022
2_CurrParamLdSatSclFac_Uls_u2p14[5][4]	19661
2_CurrParamLdSatSclFac_Uls_u2p14[5][5]	21299
2_CurrParamLdSatSclFac_Uls_u2p14[5][6]	22938
2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	1638
2_CurrParamLqSatSclFac_Uls_u2p14[0][1]	3277
2_CurrParamLqSatSclFac_Uls_u2p14[0][2]	4915

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Name	Input Value	
2_CurrParamLqSatSclFac_Uls_u2p14[0][3]	6554	
2_CurrParamLqSatSclFac_Uls_u2p14[0][4]	8192	
2_CurrParamLqSatSclFac_Uls_u2p14[0][5]	9830	
2_CurrParamLqSatSclFac_Uls_u2p14[0][6]	11469	
2_CurrParamLqSatSclFac_Uls_u2p14[1][0]	13107	
2_CurrParamLqSatSclFac_Uls_u2p14[1][1]	14746	
2_CurrParamLqSatSclFac_Uls_u2p14[1][2]	16384	
2_CurrParamLqSatSclFac_Uls_u2p14[1][3]	18022	
2_CurrParamLqSatSclFac_Uls_u2p14[1][4]	19661	
2_CurrParamLqSatSclFac_Uls_u2p14[1][5]	21299	
2_CurrParamLqSatScIFac_Uls_u2p14[1][6]	22938	
	24576	
2_CurrParamLqSatSclFac_Uls_u2p14[2][0]		
2_CurrParamLqSatSclFac_Uls_u2p14[2][1]	26214	
2_CurrParamLqSatSclFac_Uls_u2p14[2][2]	27853	
2_CurrParamLqSatSclFac_Uls_u2p14[2][3]	29491	
2_CurrParamLqSatSclFac_Uls_u2p14[2][4]	31130	
2_CurrParamLqSatSclFac_Uls_u2p14[2][5]	31949	
2_CurrParamLqSatSclFac_Uls_u2p14[2][6]	32768	
2_CurrParamLqSatSclFac_Uls_u2p14[3][0]	3277	
2_CurrParamLqSatSclFac_Uls_u2p14[3][1]	6554	
2_CurrParamLqSatSclFac_Uls_u2p14[3][2]	8192	
2_CurrParamLqSatSclFac_Uls_u2p14[3][3]	11469	
2_CurrParamLqSatSclFac_Uls_u2p14[3][4]	14746	
2_CurrParamLqSatSclFac_Uls_u2p14[3][5]	29491	
2_CurrParamLqSatSclFac_Uls_u2p14[3][6]	31130	
2_CurrParamLqSatSclFac_Uls_u2p14[4][0]	1638	
2_CurrParamLqSatSclFac_Uls_u2p14[4][1]	3277	
2_CurrParamLqSatSclFac_Uls_u2p14[4][2]	4915	
2_CurrParamLqSatSclFac_Uls_u2p14[4][3]	6554	
2_CurrParamLqSatSclFac_Uls_u2p14[4][4]	8192	
2_CurrParamLqSatSclFac_Uls_u2p14[4][5]	9830	
	11469	
2_CurrParamLqSatSclFac_Uls_u2p14[4][6]		
2_CurrParamLqSatSclFac_Uls_u2p14[5][0]	13107	
2_CurrParamLqSatSclFac_Uls_u2p14[5][1]	14746	
2_CurrParamLqSatSclFac_Uls_u2p14[5][2]	16384	
2_CurrParamLqSatSclFac_Uls_u2p14[5][3]	18022	
2_CurrParamLqSatSclFac_Uls_u2p14[5][4]	19661	
2_CurrParamLqSatSclFac_Uls_u2p14[5][5]	21299	
2_CurrParamLqSatSclFac_Uls_u2p14[5][6]	22938	
_CurrParamCompDaxRef_Amp_u9p7[0]	24320	
_CurrParamCompDaxRef_Amp_u9p7[1]	25600	
_CurrParamCompDaxRef_Amp_u9p7[2]	26880	
_CurrParamCompDaxRef_Amp_u9p7[3]	27008	
_CurrParamCompDaxRef_Amp_u9p7[4]	27136	
_CurrParamCompDaxRef_Amp_u9p7[5]	16000	
CurrParamCompQaxRef_Amp_u9p7[0]	1280	
CurrParamCompQaxRef Amp u9p7[1]	2560	
_CurrParamCompQaxRef_Amp_u9p7[2]	3840	
CurrParamCompQaxRef_Amp_u9p7[3]	5120	
CurrParamCompQaxRef Amp u9p7[4]	6400	
_CurrParamCompQaxRef_Amp_u9p7[4] CurrParamCompQaxRef_Amp_u9p7[5]	7680	
	8960	
_CurrParamCompQaxRef_Amp_u9p7[6]		
_KeSatTblX_Amp_u9p7[0]	1408	
_KeSatTblX_Amp_u9p7[1]	2816	
_KeSatTblX_Amp_u9p7[2]	4224	
_KeSatTblX_Amp_u9p7[3]	5632	
_KeSatTblX_Amp_u9p7[4]	7040	
_KeSatTblX_Amp_u9p7[5]	8448	
_KeSatTblX_Amp_u9p7[6]	9856	
_KeSatTblX_Amp_u9p7[7]	11264	
_KeSatTblX_Amp_u9p7[8]	12672	
_KeSatTblX_Amp_u9p7[9]	14080	
KeSatTblX_Amp_u9p7[10]	15360	
KeSatTblX_Amp_u9p7[11]	16640	
KeSatTblX_Amp_u9p7[12]	17920	
_KeSatTblX_Amp_u9p7[13]	19200	
	20480	
_KeSatTblX_Amp_u9p7[14]		
_KeSatTblX_Amp_u9p7[15]	21760	
_KeSatTblY_Uls_u2p14[0]	4096	
_KeSatTblY_Uls_u2p14[1]	5734	
_KeSatTblY_Uls_u2p14[2]	7373	
_KeSatTblY_Uls_u2p14[3]	2458	
_KeSatTblY_Uls_u2p14[4]	10650	



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Name	Input Value		
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_VpRadp	S_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f3	2	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f3	2	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3222222222222222222222222222222222222$	tgt_CurrParamComp_Per1_MtrCurrDaxRef_	_Amp_f32	
$\underline{tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3:}$	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 ± 0.000000000	9
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	0.000199999995
k_MaxLqRngLmt_Henry_f32	0.000319999992
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_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853

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Name	Input Value
t2 CurrParamLdSatSclFac Uls u2p14[2][3]	29491
t2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	11469
t2 CurrParamLdSatSclFac Uls u2p14[3][4]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatScIFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[4][3]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830
2_CurrParamLdSatSclFac_Uls_u2p14[4][6]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	13107
2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSclFac_Uls_u2p14[5][3]	18022
2_CurrParamLdSatSclFac_Uls_u2p14[5][4]	19661
2_CurrParamLdSatSclFac_Uls_u2p14[5][5]	21299
2_CurrParamLdSatSclFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	1638
2_CurrParamLqSatSclFac_Uls_u2p14[0][1]	3277
2 CurrParamLqSatSclFac Uls u2p14[0][2]	4915
t2_CurrParamLqSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSclFac_Uls_u2p14[0][4]	8192
2_CurrParamLqSatSclFac_Uls_u2p14[0][5]	9830
2_CurrParamLqSatSclFac_Uls_u2p14[0][6]	11469
2_CurrParamLqSatSclFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSclFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatScIFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSclFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatScIFac_Uls_u2p14[1][4]	19661
	21299
t2_CurrParamLqSatScIFac_Uls_u2p14[1][5]	
t2_CurrParamLqSatSclFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSclFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSclFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSclFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSclFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSclFac_Uls_u2p14[2][4]	31130
2_CurrParamLqSatSclFac_Uls_u2p14[2][5]	31949
2_CurrParamLqSatSclFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSclFac_Uls_u2p14[3][1]	6554
2_CurrParamLqSatSclFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[3][4]	14746
2_CurrParamLqSatSclFac_Uls_u2p14[3][5]	29491
2_CurrParamLqSatSclFac_Uls_u2p14[3][6]	31130
2_CurrParamLqSatSclFac_Uls_u2p14[4][0]	1638
2_CurrParamLqSatSclFac_Uls_u2p14[4][1]	3277
2_CurrParamLqSatSclFac_Uls_u2p14[4][2]	4915
2_CurrParamLqSatSclFac_Uls_u2p14[4][3]	6554
2_CurrParamLqSatSclFac_Uls_u2p14[4][4]	8192
2_CurrParamLqSatSclFac_Uls_u2p14[4][5]	9830
:2_CurrParamLqSatSclFac_Uis_u2p14[4][5]	11469
2_CurrParamLqSatSclFac_Uls_u2p14[4][0] 2_CurrParamLqSatSclFac_Uls_u2p14[5][0]	13107
:2_CurrParamLqSatSclFac_Uis_u2p14[5][0]	14746
	16384
2_CurrParamLqSatSclFac_Uls_u2p14[5][2]	
2_CurrParamLqSatSclFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSclFac_Uls_u2p14[5][4]	19661
2_CurrParamLqSatSclFac_Uls_u2p14[5][5]	21299
2_CurrParamLqSatSclFac_Uls_u2p14[5][6]	22938
_CurrParamCompDaxRef_Amp_u9p7[0]	1280
_CurrParamCompDaxRef_Amp_u9p7[1]	2560
_CurrParamCompDaxRef_Amp_u9p7[2]	3840
t_CurrParamCompDaxRef_Amp_u9p7[3]	5120
t_CurrParamCompDaxRef_Amp_u9p7[4]	6400

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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 KeSatTbIX Amp u9p7[11]	14720		
t KeSatTbIX Amp u9p7[12]	16000		
t KeSatTbIX Amp u9p7[13]	17280		
t KeSatTblX Amp u9p7[14]	18560		
t KeSatTbIX 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 VpRadp	S f32	
tgt Rte Inst Ap CurrParamComp.CurrParamComp Per1 EstLd Henry f32	tgt_CurrParamComp_Per1_EstLd_Henry_f3	_	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f3		
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_t		Amn f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_			
			Daniel
Name	Actual Value	Expected Value	Resul

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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

CurrParamComp_Per1

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Curraramcomp_reri	TOLO (M
Name	Input Value
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
<pre><_MaxKeRngLmt_VpRadpS_f32</pre>	0.0320000015
k_MaxLdRngLmt_Henry_f32	0.00020999998
<pre>c_MaxLqRngLmt_Henry_f32</pre>	0.000286077993
MaxRRngLmt Ohm f32	0.030999995
 K_MinKeRngLmt_VpRadpS_f32	0.0350000001
MinLdRngLmt Henry f32	0.0036999994
C_MinLqRngLmt_Henry_f32	2.9999992e-005
:_MinRRngLmt_Ohm_f32	0.0430000015
NomLd Henry f32	0.000220000002
NomLq_Henry_f32	0.000190000006
2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830
2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
2 CurrParamLdSatSclFac Uls u2p14[1][2]	16384
2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022
2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661
z_CurrParamLdSatSciPac_Uis_uzp14[1][4] 2_CurrParamLdSatSciPac_Uis_u2p14[1][5]	21299
2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938
2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576
2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214
2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853
2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491
2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949
2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[3][5]	29491
2_CurrParamLdSatSclFac_Uls_u2p14[3][6]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[4][0]	1638
2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[4][2]	4915
2_CurrParamLdSatSclFac_Uls_u2p14[4][3]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830
2_CurrParamLdSatSclFac_Uls_u2p14[4][6]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	13107
2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	16384
2_CurrParamLdSatScIFac_UIs_u2p14[5][2]	18022
2_CurrParamLdSatSclFac_Uls_u2p14[5][4]	19661
2_CurrParamLdSatSclFac_Uls_u2p14[5][5]	21299
2_CurrParamLdSatSclFac_Uls_u2p14[5][6]	22938
2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	1638
2_CurrParamLqSatSclFac_Uls_u2p14[0][1]	3277
2_CurrParamLqSatSclFac_Uls_u2p14[0][2]	4915
2_CurrParamLqSatSclFac_Uls_u2p14[0][3]	6554
2_CurrParamLqSatSclFac_Uls_u2p14[0][4]	8192
2_CurrParamLqSatSclFac_Uls_u2p14[0][5]	9830
2_CurrParamLqSatSclFac_Uls_u2p14[0][6]	11469
CurrParamLqSatSclFac_Uls_u2p14[1][0]	13107
2_CurrParamLqSatSclFac_Uls_u2p14[1][1]	14746
2_CurrParamLqSatSclFac_Uls_u2p14[1][2]	16384
2_CurrParamLqSatSclFac_Uls_u2p14[1][3]	18022
2_CurrParamLqSatSclFac_Uls_u2p14[1][4]	19661
2_CurrParamLqSatSclFac_Uls_u2p14[1][5]	21299
2_CurrParamLqSatSclFac_Uls_u2p14[1][6]	22938
2_CurrParamLqSatSclFac_Uls_u2p14[2][0]	24576
2_CurrParamLqSatSclFac_Uls_u2p14[2][1]	26214
2_CurrParamLqSatSclFac_Uls_u2p14[2][2]	27853
2_CurrParamLqSatSclFac_Uls_u2p14[2][3]	29491
2_CurrParamLqSatSclFac_Uls_u2p14[2][4]	31130

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CurrParamComp_Per1 Input Value t2 CurrParamLqSatSclFac Uls u2p14[2][6] 32768 3277 t2_CurrParamLqSatSclFac_Uls_u2p14[3][0] t2 CurrParamLqSatSclFac Uls_u2p14[3][1] 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[3][2] 8192 t2 CurrParamLqSatSclFac_Uls_u2p14[3][3] 11469 t2_CurrParamLqSatSclFac_Uls_u2p14[3][4] 14746 t2 CurrParamLqSatSclFac Uls u2p14[3][5] 29491 t2_CurrParamLqSatSclFac_Uls_u2p14[3][6] 31130 t2_CurrParamLqSatSclFac_Uls_u2p14[4][0] 1638 $t2_CurrParamLqSatSclFac_Uls_u2p14[4][1]$ 3277 t2_CurrParamLqSatSclFac_Uls_u2p14[4][2] 4915 $t2_CurrParamLqSatSclFac_Uls_u2p14[4][3]$ 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[4][4] 8192 t2_CurrParamLqSatSclFac_Uls_u2p14[4][5] 9830 t2_CurrParamLqSatSclFac_Uls_u2p14[4][6] 11469 13107 t2_CurrParamLqSatSclFac_Uls_u2p14[5][0] t2_CurrParamLqSatSclFac_Uls_u2p14[5][1] 14746 16384 t2 CurrParamLqSatSclFac Uls u2p14[5][2] t2_CurrParamLqSatSclFac_Uls_u2p14[5][3] 18022 t2_CurrParamLqSatSclFac_Uls_u2p14[5][4] 19661 t2_CurrParamLqSatSclFac_Uls_u2p14[5][5] 21299 t2_CurrParamLqSatSclFac_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 16640 t CurrParamCompQaxRef Amp u9p7[0] $t_CurrParamCompQaxRef_Amp_u9p7[1]$ 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 1280 t_KeSatTblX_Amp_u9p7[0] t_KeSatTblX_Amp_u9p7[1] 2560 3840 t_KeSatTblX_Amp_u9p7[2] t_KeSatTblX_Amp_u9p7[3] 5120 t_KeSatTblX_Amp_u9p7[4] 6400 t_KeSatTblX_Amp_u9p7[5] 7680 8960 t_KeSatTblX_Amp_u9p7[6] 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 3768 t_KeSatTblY_Uls_u2p14[12] t_KeSatTblY_Uls_u2p14[13] 3932 t_KeSatTblY_Uls_u2p14[14] 4096 t_KeSatTblY_Uls_u2p14[15] 4260 tot 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_CurrParamComp_Per1_EstR_Ohm_f32

 $tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32$

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Name	Input Value		
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]	0.0350000001	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)	Innut Value
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.070000003
EstRFF_Ohm_M_f32	0.107666001
FastDataAccessBufIndex_Cnt_M_u16	0
/trEstKe_VpRadpS_M_f32[0]	0.0649999976
MtrEstKe_VpRadpS_M_f32[1]	0.0689999983
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
_MaxKeRngLmt_VpRadpS_f32	0.0329999998
_MaxLdRngLmt_Henry_f32	0.000220000002
_MaxLqRngLmt_Henry_f32	0.000286543014
:_MaxRRngLmt_Ohm_f32	0.0350000001
_MinKeRngLmt_VpRadpS_f32	0.0359999985
_MinLdRngLmt_Henry_f32	0.000380000012
_MinLqRngLmt_Henry_f32	0.000410000008
_MinRRngLmt_Ohm_f32	0.0469999984
_NomLd_Henry_f32	0.000230000005
_NomLq_Henry_f32	0.000199999995
2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830
2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384
2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022
2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661
2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299
2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938
2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576
2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214
2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853
2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491
2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949
2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	3277
2_CurrParamLdSatSciFac_Uls_u2p14[3][1]	6554
2_CurrParamLdSatSciFac_Uls_u2p14[3][1] 2_CurrParamLdSatSciFac_Uls_u2p14[3][2]	8192
z_currParamLdSatScIPac_Uis_uzp14[3][2] 2_CurrParamLdSatScIPac_Uis_u2p14[3][3]	11469
z_currParamLdSatScIPac_Uis_uzp14[3][3] 2_CurrParamLdSatScIPac_Uis_u2p14[3][4]	14746
	29491
2_CurrParamLdSatSclFac_Uls_u2p14[3][5]	
2_CurrParamLdSatSclFac_Uls_u2p14[3][6]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[4][0]	1638
2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[4][2]	4915
2_CurrParamLdSatSclFac_Uls_u2p14[4][3]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830

CurrParamComp_Per1

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Input Value t2 CurrParamLdSatSclFac Uls u2p14[4][6] 11469 13107 t2_CurrParamLdSatSclFac_Uls_u2p14[5][0] t2 CurrParamLdSatSclFac Uls u2p14[5][1] 14746 t2_CurrParamLdSatSclFac_Uls_u2p14[5][2] 16384 t2 CurrParamLdSatSclFac Uls u2p14[5][3] 18022 t2_CurrParamLdSatSclFac_Uls_u2p14[5][4] 19661 t2 CurrParamLdSatSclFac Uls u2p14[5][5] 21299 t2_CurrParamLdSatSclFac_Uls_u2p14[5][6] 22938 t2_CurrParamLqSatSclFac_Uls_u2p14[0][0] 1638 $t2_CurrParamLqSatSclFac_Uls_u2p14[0][1]$ 3277 t2_CurrParamLqSatSclFac_Uls_u2p14[0][2] 4915 $t2_CurrParamLqSatSclFac_Uls_u2p14[0][3]$ 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[0][4] 8192 t2_CurrParamLqSatSclFac_Uls_u2p14[0][5] 9830 t2_CurrParamLqSatSclFac_Uls_u2p14[0][6] 11469 t2 CurrParamLqSatSclFac Uls u2p14[1][0] 13107 t2_CurrParamLqSatSclFac_Uls_u2p14[1][1] 14746 16384 t2 CurrParamLqSatSclFac Uls u2p14[1][2] t2_CurrParamLqSatSclFac_Uls_u2p14[1][3] 18022 t2_CurrParamLqSatSclFac_Uls_u2p14[1][4] 19661 t2_CurrParamLqSatSclFac_Uls_u2p14[1][5] 21299 t2_CurrParamLqSatSclFac_Uls_u2p14[1][6] 22938 t2_CurrParamLqSatSclFac_Uls_u2p14[2][0] 24576 t2_CurrParamLqSatSclFac_Uls_u2p14[2][1] 26214 t2_CurrParamLqSatSclFac_Uls_u2p14[2][2] 27853 t2_CurrParamLqSatSclFac_Uls_u2p14[2][3] 29491 t2 CurrParamLqSatSclFac Uls u2p14[2][4] 31130 t2_CurrParamLqSatSclFac_Uls_u2p14[2][5] 31949 t2 CurrParamLqSatSclFac Uls u2p14[2][6] 32768 t2_CurrParamLqSatSclFac_Uls_u2p14[3][0] 3277 t2 CurrParamLqSatSclFac Uls u2p14[3][1] 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[3][2] 8192 t2 CurrParamLqSatSclFac Uls u2p14[3][3] 11469 t2_CurrParamLqSatSclFac_Uls_u2p14[3][4] 14746 t2_CurrParamLqSatSclFac_Uls_u2p14[3][5] 29491 31130 t2_CurrParamLqSatSclFac_Uls_u2p14[3][6] t2_CurrParamLqSatSclFac_Uls_u2p14[4][0] 1638 t2_CurrParamLqSatSclFac_Uls_u2p14[4][1] 3277 t2_CurrParamLqSatSclFac_Uls_u2p14[4][2] 4915 t2_CurrParamLqSatSclFac_Uls_u2p14[4][3] 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[4][4] 8192 t2 CurrParamLqSatSclFac_Uls_u2p14[4][5] 9830 t2_CurrParamLqSatSclFac_Uls_u2p14[4][6] 11469 t2_CurrParamLqSatSclFac_Uls_u2p14[5][0] 13107 $t2_CurrParamLqSatSclFac_Uls_u2p14[5][1]$ 14746 t2_CurrParamLqSatSclFac_Uls_u2p14[5][2] 16384 t2 CurrParamLqSatSclFac Uls u2p14[5][3] 18022 t2_CurrParamLqSatSclFac_Uls_u2p14[5][4] 19661 t2_CurrParamLqSatSclFac_Uls_u2p14[5][5] 21299 t2_CurrParamLqSatSclFac_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 16000 t CurrParamCompQaxRef Amp u9p7[5] t_CurrParamCompQaxRef_Amp_u9p7[6] 17280 1408 t_KeSatTblX_Amp_u9p7[0] 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

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Name	Input Value
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	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
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3322222222222222222222222222222222222$	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3:	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32

<u>v= = = : </u>		·-	
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)	r en
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	9.9999975e-005
k_MinRRngLmt_Ohm_f32	0.050999999
k_NomLd_Henry_f32	0.000239999994
k_NomLq_Henry_f32	0.000209999998
t2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830

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Input Value t2 CurrParamLdSatSclFac_Uls_u2p14[0][6] 11469 13107 t2_CurrParamLdSatSclFac_Uls_u2p14[1][0] t2 CurrParamLdSatSclFac Uls_u2p14[1][1] 14746 t2_CurrParamLdSatSclFac_Uls_u2p14[1][2] 16384 t2 CurrParamLdSatSclFac Uls u2p14[1][3] 18022 t2_CurrParamLdSatSclFac_Uls_u2p14[1][4] 19661 t2 CurrParamLdSatSclFac Uls u2p14[1][5] 21299 t2_CurrParamLdSatSclFac_Uls_u2p14[1][6] 22938 t2_CurrParamLdSatSclFac_Uls_u2p14[2][0] 24576 $t2_CurrParamLdSatSclFac_Uls_u2p14[2][1]$ 26214 t2_CurrParamLdSatSclFac_Uls_u2p14[2][2] 27853 t2_CurrParamLdSatSclFac_Uls_u2p14[2][3] 29491 t2_CurrParamLdSatSclFac_Uls_u2p14[2][4] 31130 t2_CurrParamLdSatSclFac_Uls_u2p14[2][5] 31949 t2_CurrParamLdSatSclFac_Uls_u2p14[2][6] 32768 3277 t2 CurrParamLdSatSclFac Uls u2p14[3][0] t2_CurrParamLdSatSclFac_Uls_u2p14[3][1] 6554 t2_CurrParamLdSatSclFac_Uls_u2p14[3][2] 8192 t2_CurrParamLdSatSclFac_Uls_u2p14[3][3] 11469 t2_CurrParamLdSatSclFac_Uls_u2p14[3][4] 14746 t2_CurrParamLdSatSclFac_Uls_u2p14[3][5] 29491 t2_CurrParamLdSatSclFac_Uls_u2p14[3][6] 31130 t2_CurrParamLdSatSclFac_Uls_u2p14[4][0] 1638 t2_CurrParamLdSatSclFac_Uls_u2p14[4][1] 3277 t2_CurrParamLdSatSclFac_Uls_u2p14[4][2] 4915 t2_CurrParamLdSatSclFac_Uls_u2p14[4][3] 6554 t2_CurrParamLdSatSclFac_Uls_u2p14[4][4] 8192 t2_CurrParamLdSatSclFac_Uls_u2p14[4][5] 9830 t2 CurrParamLdSatSclFac Uls u2p14[4][6] 11469 t2_CurrParamLdSatSclFac_Uls_u2p14[5][0] 13107 t2 CurrParamLdSatSclFac Uls u2p14[5][1] 14746 t2_CurrParamLdSatSclFac_Uls_u2p14[5][2] 16384 t2 CurrParamLdSatSclFac Uls u2p14[5][3] 18022 t2_CurrParamLdSatSclFac_Uls_u2p14[5][4] 19661 t2_CurrParamLdSatSclFac_Uls_u2p14[5][5] 21299 22938 t2_CurrParamLdSatSclFac_Uls_u2p14[5][6] t2_CurrParamLqSatSclFac_Uls_u2p14[0][0] 1638 t2_CurrParamLqSatSclFac_Uls_u2p14[0][1] 3277 t2_CurrParamLqSatSclFac_Uls_u2p14[0][2] 4915 t2 CurrParamLqSatSclFac_Uls_u2p14[0][3] 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[0][4] 8192 t2 CurrParamLqSatSclFac_Uls_u2p14[0][5] 9830 t2_CurrParamLqSatSclFac_Uls_u2p14[0][6] 11469 t2_CurrParamLqSatSclFac_Uls_u2p14[1][0] 13107 $t2_CurrParamLqSatSclFac_Uls_u2p14[1][1]$ 14746 t2_CurrParamLqSatSclFac_Uls_u2p14[1][2] 16384 t2 CurrParamLqSatSclFac Uls u2p14[1][3] 18022 t2_CurrParamLqSatSclFac_Uls_u2p14[1][4] 19661 t2 CurrParamLqSatSclFac Uls u2p14[1][5] 21299 t2_CurrParamLqSatSclFac_Uls_u2p14[1][6] 22938 t2 CurrParamLqSatSclFac Uls u2p14[2][0] 24576 t2_CurrParamLqSatSclFac_Uls_u2p14[2][1] 26214 t2 CurrParamLqSatSclFac Uls u2p14[2][2] 27853 t2_CurrParamLqSatSclFac_Uls_u2p14[2][3] 29491 t2_CurrParamLqSatSclFac_Uls_u2p14[2][4] 31130 t2_CurrParamLqSatSclFac_Uls_u2p14[2][5] 31949 t2_CurrParamLqSatSclFac_Uls_u2p14[2][6] 32768 t2_CurrParamLqSatSclFac_Uls_u2p14[3][0] 3277 t2_CurrParamLqSatSclFac_Uls_u2p14[3][1] 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[3][2] 8192 t2_CurrParamLqSatSclFac_Uls_u2p14[3][3] 11469 14746 t2 CurrParamLqSatSclFac Uls u2p14[3][4] $t2_CurrParamLqSatSclFac_Uls_u2p14[3][5]$ 29491 t2_CurrParamLqSatSclFac_Uls_u2p14[3][6] 31130 t2_CurrParamLqSatSclFac_Uls_u2p14[4][0] 1638 3277 t2 CurrParamLqSatSclFac Uls u2p14[4][1] t2_CurrParamLqSatSclFac_Uls_u2p14[4][2] 4915 t2 CurrParamLqSatSclFac Uls u2p14[4][3] 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[4][4] 8192 t2_CurrParamLqSatSclFac_Uls_u2p14[4][5] 9830 t2_CurrParamLqSatSclFac_Uls_u2p14[4][6] 11469 t2_CurrParamLqSatSclFac_Uls_u2p14[5][0] 13107 $t2_CurrParamLqSatSclFac_Uls_u2p14[5][1]$ 14746

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Curr aramcomp_r err			- 10010
Name	Input Value		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][2]	16384		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][3]	18022		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][4]	19661		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][5]	21299		
t2_CurrParamLqSatSclFac_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 5120		
t_CurrParamCompQaxRef_Amp_u9p7[3]	6400		
t_CurrParamCompQaxRef_Amp_u9p7[4] 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_KeSatTbiX_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_KeSatTbIY_Uls_u2p14[10] t KeSatTbIY_Uls_u2p14[11]	8192		
	9830		
t_KeSatTblY_Uls_u2p14[12]	11469		
t_KeSatTbIY_Uls_u2p14[13] t_KeSatTbIY_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	6 f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt CurrParamComp Per1 EstLd Henry f3:	_	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f3:		
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	1	Amp_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3:			
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	1	1	V
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 ± 0.0000000009	-
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	9.9999975e-005	5.94999983e-005 ± 0.0625	•

0.0390000008

0.0390000008

 $tgt_CurrParamComp_Per1_EstR_Ohm_f32.value$





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	~

Nama	Input Value
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
<pre><_MaxKeRngLmt_VpRadpS_f32</pre>	0.0350000001
<_MaxLdRngLmt_Henry_f32	0.000239999994
<pre><_MaxLqRngLmt_Henry_f32</pre>	2.9999992e-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
<_MinRRngLmt_Ohm_f32	0.0549999997
k_NomLd_Henry_f32	0.000250000012
<_NomLq_Henry_f32	0.000220000002
2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830
2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384
2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022
2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661
2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299
2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938
2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576
2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214
2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853
	29491
2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	
2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949
2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[3][5]	29491
2_CurrParamLdSatSclFac_Uls_u2p14[3][6]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[4][0]	1638
2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[4][2]	4915
2_CurrParamLdSatSclFac_Uls_u2p14[4][3]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830
2_CurrParamLdSatSclFac_Uls_u2p14[4][6]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	13107
2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	16384
2_CurrParamLdSatSclFac_Uls_u2p14[5][3]	18022
2_CurrParamLdSatSclFac_Uls_u2p14[5][4]	19661
2_CurrParamLdSatSclFac_Uls_u2p14[5][5]	21299
2_CurrParamLdSatSclFac_Uls_u2p14[5][6]	22938
2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	1638
2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	3277
:2_CurrParamLqSatSclFac_Uls_u2p14[0][1]	4915

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Name	Input Value
t2_CurrParamLqSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSclFac_Uls_u2p14[0][6] t2_CurrParamLqSatSclFac_Uls_u2p14[1][0]	11469 13107
t2_CurrParamLqSatScIFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSclFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSclFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSclFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSclFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSclFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSclFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSclFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSclFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSclFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSclFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSclFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSclFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSclFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSclFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSclFac_Uls_u2p14[4][0]	1638 3277
t2_CurrParamLqSatSclFac_Uls_u2p14[4][1] t2 CurrParamLqSatSclFac Uls u2p14[4][2]	4915
tz_CurrParamLqSatScIFac_Uis_uzp14[4][2] t2_CurrParamLqSatScIFac_Uis_u2p14[4][3]	6554
t2_CurrParamLqSatSclFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSclFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSclFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSclFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSclFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSclFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSclFac_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] t_CurrParamCompQaxRef_Amp_u9p7[6]	9856
t_CumParamComp@axker_Amp_u9p7[6] t_KeSatTblX_Amp_u9p7[0]	1280
t_KeSatTblX_Amp_u9p7[1]	2560
t KeSatTbIX Amp u9p7[2]	3840
t_KeSatTblX_Amp_u9p7[3]	5120
t_KeSatTbIX_Amp_u9p7[4]	6400
t_KeSatTbIX_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



Name	Input Value		
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	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	S_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32 tgt_CurrParamComp_Per1_EstLd_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	te_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]	0.0649999976	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	2.9999992e-005	2.9999992e-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	~
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 2.53 (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_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853

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Name	Input Value
t2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	14746 29491
t2_CurrParamLdSatSclFac_Uls_u2p14[3][5] t2_CurrParamLdSatSclFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSclFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatSclFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSclFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSclFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSclFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSclFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSclFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSclFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSclFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSclFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSclFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSclFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSclFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSclFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSclFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSclFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSclFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSclFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSclFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSclFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSclFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSclFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSclFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSclFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSclFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSclFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSclFac_Uls_u2p14[4][2] t2 CurrParamLqSatSclFac Uls u2p14[4][3]	4915 6554
t2_CurrParamLqSatSciFac_Uis_u2p14[4][3] t2_CurrParamLqSatSciFac_Uis_u2p14[4][4]	8192
tz_CurrParamLqSatSciFac_Uis_uzp14[4][4] t2_CurrParamLqSatSciFac_Uis_u2p14[4][5]	9830
t2 CurrParamLqSatSciFac Uls u2p14[4][6]	11469
t2_CurrParamLqSatSciFac_Uis_u2p14[4][6] t2_CurrParamLqSatSciFac_Uis_u2p14[5][0]	13107
t2_CurrParamLqSatSciPac_Uis_u2p14[5][0] t2_CurrParamLqSatSciPac_Uis_u2p14[5][1]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSclFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSclFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSciFac_Uis_u2p14[5][4]	21299
t2_CurrParamLqSatSclFac_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
a aramoonippaxitoi_/inip_aopi [o]	1000

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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 VpRadp	S f32	
tgt Rte Inst Ap CurrParamComp.CurrParamComp Per1 EstLd Henry f32	tgt_CurrParamComp_Per1_EstLd_Henry_f3	_	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f3		
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_f			
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f			
Name	Actual Value	Expected Value	Resul
Humo	Actual Value	-Apecieu Value	nesui

@C				
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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- Cam aramoomp_r err	
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	3.999999e-005
k_MaxRRngLmt_Ohm_f32	0.050999999
k_MinKeRngLmt_VpRadpS_f32	0.0399999991
k MinLdRngLmt Henry f32	0.000280000007
	0.000250000007
k_MinLqRngLmt_Henry_f32	
k_MinRRngLmt_Ohm_f32	0.063000001
k_NomLd_Henry_f32	0.00026999999
k_NomLq_Henry_f32	0.000239999994
t2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSciFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSciFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSclFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSclFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatSclFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	13107
	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	
t2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSclFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSclFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSclFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSclFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSclFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSclFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[0][5]	9830
	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[0][6]	
t2_CurrParamLqSatSclFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSclFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSclFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSclFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSclFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSclFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSclFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSclFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSclFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSclFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSclFac_Uls_u2p14[2][4]	31130
	31949
t2_CurrParamLqSatSclFac_Uls_u2p14[2][5]	0.1040

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Input Value t2 CurrParamLqSatSclFac Uls u2p14[2][6] 32768 3277 t2_CurrParamLqSatSclFac_Uls_u2p14[3][0] t2 CurrParamLqSatSclFac Uls_u2p14[3][1] 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[3][2] 8192 t2 CurrParamLqSatSclFac_Uls_u2p14[3][3] 11469 t2_CurrParamLqSatSclFac_Uls_u2p14[3][4] 14746 t2 CurrParamLqSatSclFac Uls u2p14[3][5] 29491 t2_CurrParamLqSatSclFac_Uls_u2p14[3][6] 31130 t2_CurrParamLqSatSclFac_Uls_u2p14[4][0] 1638 $t2_CurrParamLqSatSclFac_Uls_u2p14[4][1]$ 3277 t2_CurrParamLqSatSclFac_Uls_u2p14[4][2] 4915 $t2_CurrParamLqSatSclFac_Uls_u2p14[4][3]$ 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[4][4] 8192 t2_CurrParamLqSatSclFac_Uls_u2p14[4][5] 9830 t2_CurrParamLqSatSclFac_Uls_u2p14[4][6] 11469 13107 t2_CurrParamLqSatSclFac_Uls_u2p14[5][0] t2_CurrParamLqSatSclFac_Uls_u2p14[5][1] 14746 16384 t2 CurrParamLqSatSclFac Uls u2p14[5][2] t2_CurrParamLqSatSclFac_Uls_u2p14[5][3] 18022 t2_CurrParamLqSatSclFac_Uls_u2p14[5][4] 19661 t2_CurrParamLqSatSclFac_Uls_u2p14[5][5] 21299 t2_CurrParamLqSatSclFac_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 24320 t CurrParamCompQaxRef Amp u9p7[0] $t_CurrParamCompQaxRef_Amp_u9p7[1]$ 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 640 t_KeSatTblX_Amp_u9p7[0] t_KeSatTblX_Amp_u9p7[1] 1920 3200 t_KeSatTblX_Amp_u9p7[2] t_KeSatTblX_Amp_u9p7[3] 4480 t_KeSatTblX_Amp_u9p7[4] 5760 t_KeSatTblX_Amp_u9p7[5] 7040 8320 t_KeSatTblX_Amp_u9p7[6] 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 9830 t_KeSatTblY_Uls_u2p14[12] t_KeSatTblY_Uls_u2p14[13] 11469 t_KeSatTblY_Uls_u2p14[14] 13107 t_KeSatTblY_Uls_u2p14[15] 14746 tot 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_A	Amp_f32	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3.222222222222222222222222222222222222$	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]	0.039999991	0.039999991	~
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.039999991	0.039999991	•
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000280000007	0.000280000007 ± 0.0000000009	~
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	3.999999e-005	3.999999e-005 ± 0.0625	•
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.063000001	0.063000001	~

Test Step Call Trace				V
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	~

Name	Input Value
	Input Value
EstKeFF_VpRadpS_M_f32	0.0540000014
EstRFF_Ohm_M_f32	0.0125634
fastDataAccessBufIndex_Cnt_M_u16	0
MtrEstKe_VpRadpS_M_f32[0]	0.029999993
MtrEstKe_VpRadpS_M_f32[1]	0.030999995
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
c_MaxKeRngLmt_VpRadpS_f32	0.0379999988
C_MaxLdRngLmt_Henry_f32	0.00026999999
C_MaxLqRngLmt_Henry_f32	0.000190000006
C_MaxRRngLmt_Ohm_f32	0.0549999997
C_MinKeRngLmt_VpRadpS_f32	0.0410000011
_MinLdRngLmt_Henry_f32	2.9999992e-005
_MinLqRngLmt_Henry_f32	0.000260000001
C_MinRRngLmt_Ohm_f32	0.0670000017
C_NomLd_Henry_f32	0.000280000007
c_NomLq_Henry_f32	0.000250000012
2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830
2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384
2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022
2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661
2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299
2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938
2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576
2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214
2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853
2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491
2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949
2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[3][5]	29491
2_CurrParamLdSatSclFac_Uls_u2p14[3][6]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[4][0]	1638
2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[4][2]	4915
2 CurrParamLdSatScIFac Uls u2p14[4][3]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830

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CurrParamComp_Per1	IMACI	<u> </u>
Name	Input Value	
t2_CurrParamLdSatSclFac_Uls_u2p14[4][6]	11469	
t2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	13107	
t2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	14746	
t2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	16384	
t2_CurrParamLdSatSclFac_Uls_u2p14[5][3]	18022	
t2_CurrParamLdSatSclFac_Uls_u2p14[5][4]	19661	
t2_CurrParamLdSatSclFac_Uls_u2p14[5][5]	21299	
t2_CurrParamLdSatSclFac_Uls_u2p14[5][6]	22938	
t2 CurrParamLqSatSclFac Uls u2p14[0][0]	1638	
2 CurrParamLqSatSclFac Uls u2p14[0][1]	3277	
2_CurrParamLqSatSclFac_Uls_u2p14[0][2]	4915	
2_CurrParamLqSatSclFac_Uls_u2p14[0][3]	6554	
2 CurrParamLqSatSclFac Uls u2p14[0][4]	8192	
2_CurrParamLqSatSclFac_Uls_u2p14[0][5]	9830	
2_CurrParamLqSatSclFac_Uls_u2p14[0][6]	11469	
2_CurrParamLqSatSclFac_Uls_u2p14[1][0]	13107	
2_CurrParamLqSatSclFac_Uls_u2p14[1][1]	14746	
	16384	
2_CurrParamLqSatSclFac_Uls_u2p14[1][2]		
2_CurrParamLqSatSclFac_Uls_u2p14[1][3]	18022	
2_CurrParamLqSatSclFac_Uls_u2p14[1][4]	19661	
2_CurrParamLqSatSclFac_Uls_u2p14[1][5]	21299	
2_CurrParamLqSatSclFac_Uls_u2p14[1][6]	22938	
2_CurrParamLqSatSclFac_Uls_u2p14[2][0]	24576	
2_CurrParamLqSatScIFac_Uls_u2p14[2][1]	26214	
2_CurrParamLqSatScIFac_Uls_u2p14[2][2]	27853	
2_CurrParamLqSatSclFac_Uls_u2p14[2][3]	29491	
2_CurrParamLqSatSclFac_Uls_u2p14[2][4]	31130	
2_CurrParamLqSatSclFac_Uls_u2p14[2][5]	31949	
2_CurrParamLqSatSclFac_Uls_u2p14[2][6]	32768	
2_CurrParamLqSatSclFac_Uls_u2p14[3][0]	3277	
2_CurrParamLqSatSclFac_Uls_u2p14[3][1]	6554	
2_CurrParamLqSatSclFac_Uls_u2p14[3][2]	8192	
2_CurrParamLqSatSclFac_Uls_u2p14[3][3]	11469	
2_CurrParamLqSatSclFac_Uls_u2p14[3][4]	14746	
2_CurrParamLqSatSclFac_Uls_u2p14[3][5]	29491	
2_CurrParamLqSatSclFac_Uls_u2p14[3][6]	31130	
2_CurrParamLqSatSclFac_Uls_u2p14[4][0]	1638	
t2_CurrParamLqSatSclFac_Uls_u2p14[4][1]	3277	
2_CurrParamLqSatSclFac_Uls_u2p14[4][2]	4915	
2_CurrParamLqSatSclFac_Uls_u2p14[4][3]	6554	
t2_CurrParamLqSatSclFac_Uls_u2p14[4][4]	8192	
2_CurrParamLqSatSclFac_Uls_u2p14[4][5]	9830	
2_CurrParamLqSatSclFac_Uls_u2p14[4][6]	11469	
2 CurrParamLqSatSclFac Uls u2p14[5][0]	13107	
2 CurrParamLqSatScIFac Uls u2p14[5][1]	14746	
2_CurrParamLqSatSclFac_Uls_u2p14[5][2]	16384	
2_CurrParamLqSatSclFac_Uls_u2p14[5][3]	18022	
2_CurrParamLqSatSclFac_Uls_u2p14[5][4]	19661	
z_currParamLqSatScIFac_Uis_uzp14[5][4] 2_CurrParamLqSatScIFac_Uis_u2p14[5][5]	21299	
2_CurrParamLqSatSclFac_Uls_u2p14[5][6]	22938	
_CurrParamCompDaxRef_Amp_u9p7[0]	1408	
_CurrParamCompDaxRef_Amp_u9p7[1]	2816	
_CurrParamCompDaxRef_Amp_u9p7[2]	4224	
_CurrParamCompDaxRef_Amp_u9p7[3]	5632	
_CurrParamCompDaxRef_Amp_u9p7[4]	7040	
_CurrParamCompDaxRef_Amp_u9p7[5]	8448	
_CurrParamCompQaxRef_Amp_u9p7[0]	1280	
_CurrParamCompQaxRef_Amp_u9p7[1]	2560	
_CurrParamCompQaxRef_Amp_u9p7[2]	3840	
_CurrParamCompQaxRef_Amp_u9p7[3]	5120	
_CurrParamCompQaxRef_Amp_u9p7[4]	6400	
_CurrParamCompQaxRef_Amp_u9p7[5]	7680	
_CurrParamCompQaxRef_Amp_u9p7[6]	8960	
_KeSatTblX_Amp_u9p7[0]	1280	
_KeSatTblX_Amp_u9p7[1]	2560	
_KeSatTblX_Amp_u9p7[2]	3840	
KeSatTblX_Amp_u9p7[3]	5120	
KeSatTblX_Amp_u9p7[4]	6400	
	7680	
KeSatTblX Amp u9p7[5]	1.11	
	8960	
t_KeSatTbIX_Amp_u9p7[5] t_KeSatTbIX_Amp_u9p7[6] t_KeSatTbIX_Amp_u9p7[7]	8960 10240	
	8960 10240 11520	

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Name	Input Value
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	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
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3322222222222222222222222222222222222$	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3:$	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32

<u> </u>		·-	
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	1	1	~
MtrEstKe_VpRadpS_M_f32[0]	0.029999993	0.029999993	~
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				V
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	0.00026999999
k_MinRRngLmt_Ohm_f32	0.0710000023
k_NomLd_Henry_f32	0.000289999996
k_NomLq_Henry_f32	0.000260000001
t2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830

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Input Value t2 CurrParamLdSatSclFac_Uls_u2p14[0][6] 11469 13107 t2_CurrParamLdSatSclFac_Uls_u2p14[1][0] t2 CurrParamLdSatSclFac Uls_u2p14[1][1] 14746 t2_CurrParamLdSatSclFac_Uls_u2p14[1][2] 16384 t2 CurrParamLdSatSclFac Uls u2p14[1][3] 18022 t2_CurrParamLdSatSclFac_Uls_u2p14[1][4] 19661 t2 CurrParamLdSatSclFac Uls u2p14[1][5] 21299 t2_CurrParamLdSatSclFac_Uls_u2p14[1][6] 22938 t2_CurrParamLdSatSclFac_Uls_u2p14[2][0] 24576 $t2_CurrParamLdSatSclFac_Uls_u2p14[2][1]$ 26214 t2_CurrParamLdSatSclFac_Uls_u2p14[2][2] 27853 t2_CurrParamLdSatSclFac_Uls_u2p14[2][3] 29491 t2_CurrParamLdSatSclFac_Uls_u2p14[2][4] 31130 t2_CurrParamLdSatSclFac_Uls_u2p14[2][5] 31949 t2_CurrParamLdSatSclFac_Uls_u2p14[2][6] 32768 3277 t2 CurrParamLdSatSclFac Uls u2p14[3][0] t2_CurrParamLdSatSclFac_Uls_u2p14[3][1] 6554 t2_CurrParamLdSatSclFac_Uls_u2p14[3][2] 8192 t2_CurrParamLdSatSclFac_Uls_u2p14[3][3] 11469 t2_CurrParamLdSatSclFac_Uls_u2p14[3][4] 14746 t2_CurrParamLdSatSclFac_Uls_u2p14[3][5] 29491 t2_CurrParamLdSatSclFac_Uls_u2p14[3][6] 31130 t2_CurrParamLdSatSclFac_Uls_u2p14[4][0] 1638 t2_CurrParamLdSatSclFac_Uls_u2p14[4][1] 3277 t2_CurrParamLdSatSclFac_Uls_u2p14[4][2] 4915 t2_CurrParamLdSatSclFac_Uls_u2p14[4][3] 6554 t2_CurrParamLdSatSclFac_Uls_u2p14[4][4] 8192 t2_CurrParamLdSatSclFac_Uls_u2p14[4][5] 9830 t2 CurrParamLdSatSclFac Uls u2p14[4][6] 11469 t2_CurrParamLdSatSclFac_Uls_u2p14[5][0] 13107 t2 CurrParamLdSatSclFac Uls u2p14[5][1] 14746 t2_CurrParamLdSatSclFac_Uls_u2p14[5][2] 16384 t2 CurrParamLdSatSclFac Uls u2p14[5][3] 18022 t2_CurrParamLdSatSclFac_Uls_u2p14[5][4] 19661 t2_CurrParamLdSatSclFac_Uls_u2p14[5][5] 21299 22938 t2_CurrParamLdSatSclFac_Uls_u2p14[5][6] t2_CurrParamLqSatSclFac_Uls_u2p14[0][0] 1638 t2_CurrParamLqSatSclFac_Uls_u2p14[0][1] 3277 t2_CurrParamLqSatSclFac_Uls_u2p14[0][2] 4915 t2 CurrParamLqSatSclFac_Uls_u2p14[0][3] 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[0][4] 8192 t2 CurrParamLqSatSclFac_Uls_u2p14[0][5] 9830 t2_CurrParamLqSatSclFac_Uls_u2p14[0][6] 11469 t2_CurrParamLqSatSclFac_Uls_u2p14[1][0] 13107 $t2_CurrParamLqSatSclFac_Uls_u2p14[1][1]$ 14746 t2_CurrParamLqSatSclFac_Uls_u2p14[1][2] 16384 t2 CurrParamLqSatSclFac Uls u2p14[1][3] 18022 t2_CurrParamLqSatSclFac_Uls_u2p14[1][4] 19661 t2 CurrParamLqSatSclFac Uls u2p14[1][5] 21299 t2_CurrParamLqSatSclFac_Uls_u2p14[1][6] 22938 t2 CurrParamLqSatSclFac Uls u2p14[2][0] 24576 t2_CurrParamLqSatSclFac_Uls_u2p14[2][1] 26214 t2 CurrParamLqSatSclFac Uls u2p14[2][2] 27853 t2_CurrParamLqSatSclFac_Uls_u2p14[2][3] 29491 t2_CurrParamLqSatSclFac_Uls_u2p14[2][4] 31130 t2_CurrParamLqSatSclFac_Uls_u2p14[2][5] 31949 t2_CurrParamLqSatSclFac_Uls_u2p14[2][6] 32768 t2_CurrParamLqSatSclFac_Uls_u2p14[3][0] 3277 t2_CurrParamLqSatSclFac_Uls_u2p14[3][1] 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[3][2] 8192 t2_CurrParamLqSatSclFac_Uls_u2p14[3][3] 11469 14746 t2 CurrParamLqSatSclFac Uls u2p14[3][4] $t2_CurrParamLqSatSclFac_Uls_u2p14[3][5]$ 29491 t2_CurrParamLqSatSclFac_Uls_u2p14[3][6] 31130 t2_CurrParamLqSatSclFac_Uls_u2p14[4][0] 1638 3277 t2 CurrParamLqSatSclFac Uls u2p14[4][1] t2_CurrParamLqSatSclFac_Uls_u2p14[4][2] 4915 t2 CurrParamLqSatSclFac Uls u2p14[4][3] 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[4][4] 8192 t2_CurrParamLqSatSclFac_Uls_u2p14[4][5] 9830 t2_CurrParamLqSatSclFac_Uls_u2p14[4][6] 11469 t2_CurrParamLqSatSclFac_Uls_u2p14[5][0] 13107

14746

 $t2_CurrParamLqSatSclFac_Uls_u2p14[5][1]$

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CurrParamComp_Per1

		•	
Name	Input Value		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][2]	16384		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][3]	18022		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][4]	19661		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][5]	21299		
t2_CurrParamLqSatSclFac_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 15360		
t_CurrParamCompDaxRef_Amp_u9p7[5] 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 14080		
t_KeSatTblX_Amp_u9p7[9] 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] t KeSatTblY Uls u2p14[12]	9011 10650		
t_KeSatTblY_Uls_u2p14[12] 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	S_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32	2	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32	2	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32		
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3222222222222222222222222222222222222$	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 ± 0.0000000000	V
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000199999995	0.000199999995 ± 0.0625	•

0.0710000023

0.0710000023

tgt_CurrParamComp_Per1_EstR_Ohm_f32.value





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	0.039999991
k MaxLdRngLmt Henry f32	0.000289999996
k_MaxLqRngLmt_Henry_f32	0.000209999998
k_MaxRRngLmt_Ohm_f32	0.063000001
k_MinKeRngLmt_VpRadpS_f32	0.0430000015
k_MinLdRngLmt_Henry_f32	9.9999975e-005
k_MinLqRngLmt_Henry_f32	0.000280000007
k_MinRRngLmt_Ohm_f32	0.075000003
k_NomLd_Henry_f32	0.000300000014
k_NomLq_Henry_f32	0.00026999999
t2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830
t2 CurrParamLdSatSclFac Uls u2p14[0][6]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	6554
t2 CurrParamLdSatSclFac Uls u2p14[3][2]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	11469
t2 CurrParamLdSatSclFac Uls u2p14[3][4]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSclFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSclFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatSclFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSclFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSclFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSclFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatScIFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSclFac_Uls_u2p14[0][0] t2_CurrParamLqSatSclFac_Uls_u2p14[0][1]	3277
E_oun. a.ameqoatoon ao_olo_uzp1¬[o][1]	OL 17

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Curraramcomp_Peri	- Control of the cont
Name	Input Value
t2_CurrParamLqSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSclFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSclFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSclFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSclFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSclFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSclFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSclFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSclFac_Uls_u2p14[2][0]	26214
t2_CurrParamLqSatSclFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSclFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSclFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSclFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSclFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[3][0]	3277
2_CurrParamLqSatSclFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSclFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSclFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSclFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSclFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSclFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSclFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSclFac_Uls_u2p14[4][4]	8192
2_CurrParamLqSatSclFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSclFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSclFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSclFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSclFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSclFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSclFac_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
:_KeSatTblX_Amp_u9p7[11]	14720
t_KeSatTbiX_Amp_u9p7[11]	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



Name	Input Value		
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	-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		
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3$	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]	0.039999991	0.0399999991	✓
MtrEstKe_VpRadpS_M_f32[1]	0.0710000023	0.0710000023	~
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.039999991	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	~
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 2.58 (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	2.9999992e-005
k_MaxLqRngLmt_Henry_f32	0.000220000002
k_MaxRRngLmt_Ohm_f32	0.0670000017
k_MinKeRngLmt_VpRadpS_f32	0.043999998
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_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853

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2. CumParentListerSchare_Ut_sup*149364 11100 111	
12. DumParant Salatific a.g. Us. (2014)28	
2. CumPannicSanichae Uliu "2014/300 3277 2. CumPannicSanichae Uliu "2014/301 6544 2. CumPannicSanichae Uliu "2014/3012 6954 2. CumPannicSanichae Uliu "2014/3012 6952 2. CumPannicSanichae Uliu "2014/3014 11406 2. CumPannicSanichae Uliu "2014/3014 14746 2. CumPannicSanichae Uliu "2014/3016 3130 2. CumPannicSanichae Uliu "2014/4014 3277 2. CumPannicSanichae Uliu "2014/4014 3277 2. CumPannicSanichae Uliu "2014/4016 6554 2. CumPannicSanichae Uliu "2014/4016 6162 2. CumPannicSanichae Uliu "2014/4016 6192 2. CumPannicSanichae Uliu "2014/4016 11409 2. CumPannicSanichae Uliu "2014/4016 11409 2. CumPannicSanichae Uliu "2014/4016 11409 2. CumPannicSanichae Uliu "2014/4016 11476 2. CumPannicSanichae Uliu "2014/4016 11476 2. CumPannicSanichae Uliu "2014/4016 11476 2. CumPannicSanichae U	
2. Cum Paramid Shiffsoffera, Usr. 2004 H3[9] 8192 2. Cum Paramid Shiffsoffera, Usr. 2004 H3[8] 11499 2. Cum Paramid Shiffsoffera, Usr. 2004 H3[8] 11499 2. Cum Paramid Shiffsoffera, Usr. 2004 H3[8] 12494 2. Cum Paramid Shiffsoffera, Usr. 2004 H3[8] 3130 2. Cum Paramid Shiffsoffera, Usr. 2004 H3[8] 3130 2. Cum Paramid Shiffsoffera, Usr. 2004 H3[8] 3172 2. Cum Paramid Shiffsoffera, Usr. 2004 H3[8] 4915 2. Cum Paramid Shiffsoffera, Usr. 2004 H3[8] 4915 2. Cum Paramid Shiffsoffera, Usr. 2004 H3[8] 4915 2. Cum Paramid Shiffsoffera, Usr. 2004 H3[8] 492 2. Cum Paramid Shiffsoffera, Usr. 2004 H3[8] 492 2. Cum Paramid Shiffsoffera, Usr. 2004 H3[8] 1930 2. Cum Paramid Shiffsoffera, Usr. 2004 H3[8] 1940 2. Cum Paramid Shiffsoffera, Usr. 2004 H3[8] 1940 2. Cum Paramid Shiffsoffera, Usr. 2004 H3[8] 1902 2. Cum Paramid Shiffsoffera, Usr. 2004 H3[8] 190	
2. CumPramand.Selectives. U. U. 2014 13 1449 2. CumPramand.Selectives. U. U. 2014 13 1449 3. CumPramand.Selectives. U. U. 2014 13 1449 4. CumPramand.Selectives. U. U. 2014 13 1499 5. CumPramand.Selectives. U. U. 2014 13 13 13 6. CumPramand.Selectives. U. U. 2014 13 13 13 13 7. CumPramand.Selectives. U. U. 2014 13 13 13 13 13 13 13 8. CumPramand.Selectives. U. U. 2014 13 13 13 13 13 13 13	
2. CumParant CasterFrace, 1 19. Logo Feligis 1448 2. CumParant CasterFrace, 1 19. Logo Feligis 2941 2. CumParant CasterFrace, 1 19. Logo Feligis 31130 2. CumParant CasterFrace, 1 19. Logo Feligis 3177 2. CumParant CasterFrace, 1 19. Logo Feligis 4915 2. CumParant CasterFrace, 1 19. Logo Feligis 4915 2. CumParant CasterFrace, 1 19. Logo Feligis 4915 2. CumParant CasterFrace, 1 19. Logo Feligis 4912 2. CumParant CasterFrace, 1 19. Logo Feligis 4914 2. CumParant CasterFrace, 1 19. Logo Feligis 4914 2. CumParant CasterFrace, 1 19. Logo Feligis 4915 2. CumParant CasterFrace, 1 19. Logo Feligis 4916 2. CumParant CasterFrace, 1 19. Logo Feligis	
2. CumParant.CastScFrac, Us. 2014 1915 29491 29491 2014	
2. CumParamLdSatSchiac, Us. u2p140 9 1938 2. CumParamLdSatSchiac, Us. u2p140 1 1938 2. CumParamLdSatSchiac, Us. u2p140 1 1938 2. CumParamLdSatSchiac, Us. u2p140 1 1939 2. CumParamLdSatSchiac, Us. u2p140 1 1939 2. CumParamLdSatSchiac, Us. u2p140 1 1942 2. CumParamLdSatSchiac, Us. u2p140 1 1942 2. CumParamLdSatSchiac, Us. u2p140 1 1949 2. CumParamLdSatSchiac, Us. u2p140 1 2. CumParamLdSatSchiac, Us. u2	
2. CumParamut Salisfrian Liu 2014	
2. CumParamut.SasiSciFace_Uss_2014[41] 3277 2. CumParamut.SasiSciFace_Uss_2014[42] 4816 5854 2. CumParamut.SasiSciFace_Uss_2014[43] 6954 5850 585	
2	
2_OurParant_SSISFIRE_UIS_2014[4] 8192 2_CurParant_SSISFIRE_UIS_2014[4] 8192 2_CurParant_SSISFIRE_UIS_2014[4] 8192 2_CurParant_SSISFIRE_UIS_2014[4] 8192 2_CurParant_SSISFIRE_UIS_2014[4] 8192 2_CurParant_SSISFIRE_UIS_2014[4] 8193 2_CurParant_SSISFIRE_UIS_2014[6] 13107 2_CurParant_SSISFIRE_UIS_2014[6] 14746 2_CurParant_SSISFIRE_UIS_2014[6] 18384 2_CurParant_SSISFIRE_UIS_2014[6] 18961 2_CurParant_SSISFIRE_UIS_2014[6] 19961 2_CurParant_SSISFIRE_UIS_2014[6] 19961 2_CurParant_SSISFIRE_UIS_2014[6] 19961 2_CurParant_SSISFIRE_UIS_2014[6] 19961 2_CurParant_SSISFIRE_UIS_2014[6] 1997 2_CurParant_SSISFIRE_UIS_20	
12_OurParamLaStSCFrace_Us_pzy14[15] 8192	
12_CumParamLdSelSelFac_Uls_02p14(9)	
2. QurParamLdSalSciFac_Uls_u2p14[9]	
12, CurParamLastSciFac, Us., 2014(5) 2	
12_CurParamLsSisSiFac_Uls_u2p14[5][1] 14746 1474	
12 CurrParamLdSatSciFac_Uls_u2p14[5] 4 1986 1 1982 2 1989 4 1981	
12_CurParamLdSatSciFac_Uls_u2p14[5][5] 19961 12_CurParamLdSatSciFac_Uls_u2p14[5][5] 21299 12_CurParamLdSatSciFac_Uls_u2p14[5][5] 21299 12_CurParamLdSatSciFac_Uls_u2p14[5][6] 22988 12_CurParamLdSatSciFac_Uls_u2p14[6][6] 3277 12_CurParamLqSatSciFac_Uls_u2p14[6][7] 3277 12_CurParamLqSatSciFac_Uls_u2p14[6][8] 4915 12_CurParamLqSatSciFac_Uls_u2p14[6][8] 4915 12_CurParamLqSatSciFac_Uls_u2p14[6][8] 4915 12_CurParamLqSatSciFac_Uls_u2p14[6][8] 4916 12_CurParamLqSatSciFac_Uls_u2p14[6][8] 4916 12_CurParamLqSatSciFac_Uls_u2p14[6][9] 4916 12_CurParamLqSatSciFac_Uls_u2p14[6][9] 4916 14_CurParamLqSatSciFac_Uls_u2p14[6][9] 4916 14_CurParamLqSatSciFac_Uls_u2p14[7][9]	
12 CurrParamLdSatSicFac_Uls_u2p14[5]6 22938 2293	
12_curParamLqSatSciFac_Uls_u2p14(0)(1) 1638 1	
12_CurParamLqSalSciFac_Uls_u2p14[0] 2	
12_CurrParamLqSatScFac_Us_u2p14[0][4] 8192 8190 820	
12_CurrParamLqSatScFac_Us_u2p14[0][6] 11469 1146	
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t2_CurrParamLqSatSclFac_Uls_u2p14{3][1] 6554 t2_CurrParamLqSatSclFac_Uls_u2p14{3][2] 8192 t2_CurrParamLqSatSclFac_Uls_u2p14{3][3] 11469 t2_CurrParamLqSatSclFac_Uls_u2p14{3][4] 14746 t2_CurrParamLqSatSclFac_Uls_u2p14{3][5] 29491 t2_CurrParamLqSatSclFac_Uls_u2p14{3][6] 31130 t2_CurrParamLqSatSclFac_Uls_u2p14{4][0] 1638 t2_CurrParamLqSatSclFac_Uls_u2p14{4][1] 3277 t2_CurrParamLqSatSclFac_Uls_u2p14{4][2] 4915 t2_CurrParamLqSatSclFac_Uls_u2p14{4][3] 6554 t2_CurrParamLqSatSclFac_Uls_u2p14{4][4] 8192 t2_CurrParamLqSatSclFac_Uls_u2p14{4][6] 9830 t2_CurrParamLqSatSclFac_Uls_u2p14{4][6] 11469 t2_CurrParamLqSatSclFac_Uls_u2p14{5][0] 13107 t2_CurrParamLqSatSclFac_Uls_u2p14{5][0] 13107 t2_CurrParamLqSatSclFac_Uls_u2p14{5][1] 14746 t2_CurrParamLqSatSclFac_Uls_u2p14{5][2] 16384 t2_CurrParamLqSatSclFac_Uls_u2p14{5][3] 18022	
t2_CurrParamLqSatSclFac_Uls_u2p14[3][2] 8192 t2_CurrParamLqSatSclFac_Uls_u2p14[3][3] 11469 t2_CurrParamLqSatSclFac_Uls_u2p14[3][4] 14746 t2_CurrParamLqSatSclFac_Uls_u2p14[3][5] 29491 t2_CurrParamLqSatSclFac_Uls_u2p14[3][6] 31130 t2_CurrParamLqSatSclFac_Uls_u2p14[4][0] 1638 t2_CurrParamLqSatSclFac_Uls_u2p14[4][1] 3277 t2_CurrParamLqSatSclFac_Uls_u2p14[4][2] 4915 t2_CurrParamLqSatSclFac_Uls_u2p14[4][3] 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[4][4] 8192 t2_CurrParamLqSatSclFac_Uls_u2p14[4][6] 8192 t2_CurrParamLqSatSclFac_Uls_u2p14[4][6] 11469 t2_CurrParamLqSatSclFac_Uls_u2p14[4][6] 11469 t2_CurrParamLqSatSclFac_Uls_u2p14[5][0] 13107 t2_CurrParamLqSatSclFac_Uls_u2p14[5][0] 13107 t2_CurrParamLqSatSclFac_Uls_u2p14[5][1] 14746 t2_CurrParamLqSatSclFac_Uls_u2p14[5][2] 16384 t2_CurrParamLqSatSclFac_Uls_u2p14[5][3] 18022	
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t2_CurrParamLqSatSclFac_Uls_u2p14[3][4] 14746 t2_CurrParamLqSatSclFac_Uls_u2p14[3][5] 29491 t2_CurrParamLqSatSclFac_Uls_u2p14[3][6] 31130 t2_CurrParamLqSatSclFac_Uls_u2p14[4][0] 1638 t2_CurrParamLqSatSclFac_Uls_u2p14[4][1] 3277 t2_CurrParamLqSatSclFac_Uls_u2p14[4][2] 4915 t2_CurrParamLqSatSclFac_Uls_u2p14[4][3] 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[4][4] 8192 t2_CurrParamLqSatSclFac_Uls_u2p14[4][5] 9830 t2_CurrParamLqSatSclFac_Uls_u2p14[4][6] 11469 t2_CurrParamLqSatSclFac_Uls_u2p14[5][0] 13107 t2_CurrParamLqSatSclFac_Uls_u2p14[5][0] 13746 t2_CurrParamLqSatSclFac_Uls_u2p14[5][2] 16384 t2_CurrParamLqSatSclFac_Uls_u2p14[5][3] 18022	
t2_CurrParamLqSatSclFac_Uls_u2p14[3][5] 29491 t2_CurrParamLqSatSclFac_Uls_u2p14[3][6] 31130 t2_CurrParamLqSatSclFac_Uls_u2p14[4][0] 1638 t2_CurrParamLqSatSclFac_Uls_u2p14[4][1] 3277 t2_CurrParamLqSatSclFac_Uls_u2p14[4][2] 4915 t2_CurrParamLqSatSclFac_Uls_u2p14[4][3] 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[4][4] 8192 t2_CurrParamLqSatSclFac_Uls_u2p14[4][5] 9830 t2_CurrParamLqSatSclFac_Uls_u2p14[4][6] 11469 t2_CurrParamLqSatSclFac_Uls_u2p14[5][0] 13107 t2_CurrParamLqSatSclFac_Uls_u2p14[5][1] 14746 t2_CurrParamLqSatSclFac_Uls_u2p14[5][2] 16384 t2_CurrParamLqSatSclFac_Uls_u2p14[5][3] 18022	
12_CurrParamLqSatSclFac_Uls_u2p14[3][6] 31130 12_CurrParamLqSatSclFac_Uls_u2p14[4][0] 1638 12_CurrParamLqSatSclFac_Uls_u2p14[4][1] 3277 12_CurrParamLqSatSclFac_Uls_u2p14[4][2] 4915 12_CurrParamLqSatSclFac_Uls_u2p14[4][3] 6554 12_CurrParamLqSatSclFac_Uls_u2p14[4][4] 8192 12_CurrParamLqSatSclFac_Uls_u2p14[4][6] 9830 12_CurrParamLqSatSclFac_Uls_u2p14[4][6] 11469 12_CurrParamLqSatSclFac_Uls_u2p14[5][0] 13107 12_CurrParamLqSatSclFac_Uls_u2p14[5][1] 14746 12_CurrParamLqSatSclFac_Uls_u2p14[5][2] 16384 12_CurrParamLqSatSclFac_Uls_u2p14[5][3] 18022	
t2_CurrParamLqSatSclFac_Uls_u2p14[4][0] 1638 t2_CurrParamLqSatSclFac_Uls_u2p14[4][1] 3277 t2_CurrParamLqSatSclFac_Uls_u2p14[4][2] 4915 t2_CurrParamLqSatSclFac_Uls_u2p14[4][3] 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[4][4] 8192 t2_CurrParamLqSatSclFac_Uls_u2p14[4][5] 9830 t2_CurrParamLqSatSclFac_Uls_u2p14[4][6] 11469 t2_CurrParamLqSatSclFac_Uls_u2p14[5][0] 13107 t2_CurrParamLqSatSclFac_Uls_u2p14[5][1] 14746 t2_CurrParamLqSatSclFac_Uls_u2p14[5][2] 16384 t2_CurrParamLqSatSclFac_Uls_u2p14[5][3] 18022	
t2_CurrParamLqSatSclFac_Uls_u2p14[4][1] 3277 t2_CurrParamLqSatSclFac_Uls_u2p14[4][2] 4915 t2_CurrParamLqSatSclFac_Uls_u2p14[4][3] 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[4][4] 8192 t2_CurrParamLqSatSclFac_Uls_u2p14[4][5] 9830 t2_CurrParamLqSatSclFac_Uls_u2p14[4][6] 11469 t2_CurrParamLqSatSclFac_Uls_u2p14[5][0] 13107 t2_CurrParamLqSatSclFac_Uls_u2p14[5][1] 14746 t2_CurrParamLqSatSclFac_Uls_u2p14[5][2] 16384 t2_CurrParamLqSatSclFac_Uls_u2p14[5][3] 18022	
t2_CurrParamLqSatSclFac_Uls_u2p14[4][2] 4915 t2_CurrParamLqSatSclFac_Uls_u2p14[4][3] 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[4][4] 8192 t2_CurrParamLqSatSclFac_Uls_u2p14[4][5] 9830 t2_CurrParamLqSatSclFac_Uls_u2p14[4][6] 11469 t2_CurrParamLqSatSclFac_Uls_u2p14[5][0] 13107 t2_CurrParamLqSatSclFac_Uls_u2p14[5][1] 14746 t2_CurrParamLqSatSclFac_Uls_u2p14[5][2] 16384 t2_CurrParamLqSatSclFac_Uls_u2p14[5][3] 18022	
t2_CurrParamLqSatSclFac_Uls_u2p14[4][3] 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[4][4] 8192 t2_CurrParamLqSatSclFac_Uls_u2p14[4][5] 9830 t2_CurrParamLqSatSclFac_Uls_u2p14[4][6] 11469 t2_CurrParamLqSatSclFac_Uls_u2p14[5][0] 13107 t2_CurrParamLqSatSclFac_Uls_u2p14[5][1] 14746 t2_CurrParamLqSatSclFac_Uls_u2p14[5][2] 16384 t2_CurrParamLqSatSclFac_Uls_u2p14[5][3] 18022	
12_CurrParamLqSatSclFac_Uls_u2p14[4][4] 8192 12_CurrParamLqSatSclFac_Uls_u2p14[4][5] 9830 12_CurrParamLqSatSclFac_Uls_u2p14[4][6] 11469 12_CurrParamLqSatSclFac_Uls_u2p14[5][0] 13107 12_CurrParamLqSatSclFac_Uls_u2p14[5][1] 14746 12_CurrParamLqSatSclFac_Uls_u2p14[5][2] 16384 12_CurrParamLqSatSclFac_Uls_u2p14[5][3] 18022	
12_CurrParamLqSatSclFac_Uls_u2p14[4][5] 9830 12_CurrParamLqSatSclFac_Uls_u2p14[4][6] 11469 12_CurrParamLqSatSclFac_Uls_u2p14[5][0] 13107 12_CurrParamLqSatSclFac_Uls_u2p14[5][1] 14746 12_CurrParamLqSatSclFac_Uls_u2p14[5][2] 16384 12_CurrParamLqSatSclFac_Uls_u2p14[5][3] 18022	
t2_CurrParamLqSatSclFac_Uls_u2p14[4][6] 11469 t2_CurrParamLqSatSclFac_Uls_u2p14[5][0] 13107 t2_CurrParamLqSatSclFac_Uls_u2p14[5][1] 14746 t2_CurrParamLqSatSclFac_Uls_u2p14[5][2] 16384 t2_CurrParamLqSatSclFac_Uls_u2p14[5][3] 18022	
t2_CurrParamLqSatSclFac_Uls_u2p14[5][0] 13107 t2_CurrParamLqSatSclFac_Uls_u2p14[5][1] 14746 t2_CurrParamLqSatSclFac_Uls_u2p14[5][2] 16384 t2_CurrParamLqSatSclFac_Uls_u2p14[5][3] 18022	
t2_CurrParamLqSatSclFac_Uls_u2p14[5][1] 14746 t2_CurrParamLqSatSclFac_Uls_u2p14[5][2] 16384 t2_CurrParamLqSatSclFac_Uls_u2p14[5][3] 18022	
t2_CurrParamLqSatSclFac_Uls_u2p14[5][2] 16384 t2_CurrParamLqSatSclFac_Uls_u2p14[5][3] 18022	
t2_CurrParamLqSatSclFac_Uls_u2p14[5][3] 18022	
t2_CurrParamLqSatSclFac_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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Curr aramcomp_r err	
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
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3.$	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32
••	

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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	2.9999992e-005	2.99999992e-005 ± 0.00000000009	~	
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	

CurrParamComp_Per1

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Curraramcomp_reri	
Name	Input Value
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
<pre><_MaxKeRngLmt_VpRadpS_f32</pre>	0.0419999994
C_MaxLdRngLmt_Henry_f32	0.000410000008
_MaxLqRngLmt_Henry_f32	0.000230000005
MaxRRngLmt Ohm f32	0.0710000023
 <_MinKeRngLmt_VpRadpS_f32	0.0450000018
	0.000289999996
:_MinLqRngLmt_Henry_f32	0.000300000014
:_MinRRngLmt_Ohm_f32	0.0829999968
NomLd Henry f32	0.000319999992
NomLq Henry f32	0.000319999999
2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830
2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
	16384
2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022
2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661
2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299
2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938
2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576
2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214
2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853
2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491
2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130
2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949
2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[3][5]	29491
2_CurrParamLdSatSclFac_Uls_u2p14[3][6]	
	31130
2_CurrParamLdSatSclFac_Uls_u2p14[4][0]	1638
2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[4][2]	4915
2_CurrParamLdSatSclFac_Uls_u2p14[4][3]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830
2_CurrParamLdSatSclFac_Uls_u2p14[4][6]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	13107
2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	16384
2_CurrParamLdSatSclFac_Uls_u2p14[5][3]	18022
2 CurrParamLdSatScIFac Uls u2p14[5][4]	19661
2_CurrParamLdSatSclFac_Uls_u2p14[5][5]	21299
2_CurrParamLdSatSclFac_Uls_u2p14[5][6]	22938
2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	1638
2_CurrParamLqSatSclFac_Uls_u2p14[0][1]	3277
2_CurrParamLqSatSclFac_Uls_u2p14[0][2]	4915
2_CurrParamLqSatSclFac_Uls_u2p14[0][3]	6554
2_CurrParamLqSatSclFac_Uls_u2p14[0][4]	8192
2_CurrParamLqSatSclFac_Uls_u2p14[0][5]	9830
2_CurrParamLqSatSclFac_Uls_u2p14[0][6]	11469
	13107
currParamLqSatSclFac_Uls_u2p14[1][1]	14746
2_CurrParamLqSatSclFac_Uls_u2p14[1][2]	16384
2_CurrParamLqSatSclFac_Uls_u2p14[1][3]	18022
2_CurrParamLqSatSclFac_Uls_u2p14[1][4]	19661
2_CurrParamLqSatSclFac_Uls_u2p14[1][5]	21299
2_CurrParamLqSatSclFac_Uls_u2p14[1][6]	22938
2_CurrParamLqSatSclFac_Uls_u2p14[2][0]	24576
2_CurrParamLqSatSclFac_Uls_u2p14[2][1]	26214
2_CurrParamLqSatSclFac_Uls_u2p14[2][2]	27853
2_CurrParamLqSatSclFac_Uls_u2p14[2][3]	29491
	31130
2_CurrParamLqSatSclFac_Uls_u2p14[2][4]	

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Input Value t2 CurrParamLqSatSclFac Uls u2p14[2][6] 32768 3277 t2_CurrParamLqSatSclFac_Uls_u2p14[3][0] t2 CurrParamLqSatSclFac Uls_u2p14[3][1] 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[3][2] 8192 t2 CurrParamLqSatSclFac_Uls_u2p14[3][3] 11469 t2_CurrParamLqSatSclFac_Uls_u2p14[3][4] 14746 t2 CurrParamLqSatSclFac Uls u2p14[3][5] 29491 t2_CurrParamLqSatSclFac_Uls_u2p14[3][6] 31130 t2_CurrParamLqSatSclFac_Uls_u2p14[4][0] 1638 $t2_CurrParamLqSatSclFac_Uls_u2p14[4][1]$ 3277 t2_CurrParamLqSatSclFac_Uls_u2p14[4][2] 4915 $t2_CurrParamLqSatSclFac_Uls_u2p14[4][3]$ 6554 t2_CurrParamLqSatSclFac_Uls_u2p14[4][4] 8192 t2_CurrParamLqSatSclFac_Uls_u2p14[4][5] 9830 t2_CurrParamLqSatSclFac_Uls_u2p14[4][6] 11469 t2_CurrParamLqSatSclFac_Uls_u2p14[5][0] 13107 t2_CurrParamLqSatSclFac_Uls_u2p14[5][1] 14746 16384 t2 CurrParamLqSatSclFac Uls u2p14[5][2] t2_CurrParamLqSatSclFac_Uls_u2p14[5][3] 18022 t2_CurrParamLqSatSclFac_Uls_u2p14[5][4] 19661 t2_CurrParamLqSatSclFac_Uls_u2p14[5][5] 21299 t2_CurrParamLqSatSclFac_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 24320 t CurrParamCompQaxRef Amp u9p7[0] $t_CurrParamCompQaxRef_Amp_u9p7[1]$ 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 1408 t_KeSatTblX_Amp_u9p7[0] t_KeSatTblX_Amp_u9p7[1] 2816 4224 t_KeSatTblX_Amp_u9p7[2] t_KeSatTblX_Amp_u9p7[3] 5632 t_KeSatTblX_Amp_u9p7[4] 7040 t_KeSatTblX_Amp_u9p7[5] 8448 9856 t_KeSatTblX_Amp_u9p7[6] 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 17920 t_KeSatTblX_Amp_u9p7[12] 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 3768 t_KeSatTblY_Uls_u2p14[12] t_KeSatTblY_Uls_u2p14[13] 3932 t_KeSatTblY_Uls_u2p14[14] 4096 t_KeSatTblY_Uls_u2p14[15] 4260 tot 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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Name	Input Value		
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]	0.0450000018	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				V
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_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSclFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSclFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830

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Name	Input Value
t2_CurrParamLdSatSclFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSclFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSclFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSclFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSclFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSclFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSclFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSclFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSclFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSclFac_Uls_u2p14[1][3]	18022 19661
t2_CurrParamLqSatSclFac_Uls_u2p14[1][4]	21299
t2_CurrParamLqSatSclFac_Uls_u2p14[1][5] t2_CurrParamLqSatSclFac_Uls_u2p14[1][6]	22938
t2 CurrParamLqSatSclFac Uls u2p14[1][0]	24576
t2_CurrParamLqSatScIFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSclFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSclFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSclFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSclFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSclFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSclFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSclFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSclFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSclFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSclFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSclFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSclFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSclFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSclFac_Uls_u2p14[4][6] t2_CurrParamLqSatSclFac_Uls_u2p14[5][0]	11469 13107
t2_CurrParamLqSatSciFac_Uls_u2p14[5][0]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[5][2]	16384
t2 CurrParamLqSatSclFac Uls u2p14[5][3]	18022
t2_CurrParamLqSatSclFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSclFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSclFac_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_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 10880
t_KeSatTblX_Amp_u9p7[8]	
t_KeSatTblX_Amp_u9p7[9]	12160

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Name	Input Value
t KeSatTblX Amp u9p7[10]	13440
t KeSatTbIX Amp u9p7[11]	14720
t KeSatTbIX 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
t_KeSatTblY_Uls_u2p14[5]	2949
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	-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
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3$	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32

<u> </u>		·-	
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				V
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_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830

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Name	Input Value
t2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938
t2 CurrParamLdSatSclFac UIs u2p14[2][0]	24576
t2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSclFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSclFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSclFac_UIs_u2p14[4][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatSclFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSclFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSclFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSclFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSclFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSclFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSclFac_Uls_u2p14[0][2]	4915
t2_CurrParamLqSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLqSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSclFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSclFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSclFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSclFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSclFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSclFac_Uls_u2p14[1][6]	22938
t2_CurrParamLqSatSclFac_Uls_u2p14[2][0]	24576
t2_CurrParamLqSatSclFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSclFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSclFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSclFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSclFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSclFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSclFac_Uls_u2p14[3][1]	6554
t2 CurrParamLqSatSclFac Uls u2p14[3][2]	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSclFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSclFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSciPac_Uis_u2p14[4][0] t2_CurrParamLqSatSciPac_Uis_u2p14[4][1]	3277
t2_CurrParamLqSatSciFac_Uis_u2p14[4][1] t2_CurrParamLqSatSciFac_Uis_u2p14[4][2]	4915
tz_CurrParamLqSatSciFac_Uis_u2p14[4][2] t2_CurrParamLqSatSciFac_Uis_u2p14[4][3]	6554
t2_CurrParamLqSatSclFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSclFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[5][0] t2_CurrParamLqSatSclFac_Uls_u2p14[5][1]	13107 14746

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CurrParamComp_Per1

Name	Input Value		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][2]	16384		
t2_CurrParamLqSatScIFac_UIs_u2p14[5][3]	18022		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][4]	19661 21299		
t2_CurrParamLqSatSclFac_Uls_u2p14[5][5] t2_CurrParamLqSatSclFac_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_KeSatTbIX_Amp_u9p7[0]	1280		
t_KeSatTblX_Amp_u9p7[1]	2560		
t_KeSatTblX_Amp_u9p7[2]	3840 5130		
t_KeSatTblX_Amp_u9p7[3]	5120 6400		
t_KeSatTblX_Amp_u9p7[4] t_KeSatTblX_Amp_u9p7[5]	7680		
t_KeSatTblX_Amp_u9p7[6]	8960		
t KeSatTbIX Amp u9p7[7]	10240		
t_KeSatTbiX_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] t KeSatTblY_Uls_u2p14[9]	2458 6554		
t_KeSatTblY_Uls_u2p14[9]	1638		
t_KeSatTblY_Uls_u2p14[11]	8192		
t_KeSatTblY_Uls_u2p14[12]	9830		
t_KeSatTbIY_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	S_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f3	2	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f3	2	
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_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3:		1	
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	0.043999998	0.0439999998	V
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	•

0.0909999982

0.0909999982

 $tgt_CurrParamComp_Per1_EstR_Ohm_f32.value$



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	0.00033000001
k_MinRRngLmt_Ohm_f32	0.0949999988
k_NomLd_Henry_f32	0.000349999988
k_NomLq_Henry_f32	0.000319999992
t2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830
t2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
t2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384
t2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	18022
t2_CurrParamLdSatSclFac_Uls_u2p14[1][4]	19661
t2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299
t2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	22938
t2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576
t2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	26214
t2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	27853
t2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	29491
t2_CurrParamLdSatSclFac_Uls_u2p14[2][4]	31130
t2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	31949
t2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	32768
t2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSclFac_Uls_u2p14[3][6]	31130
t2_CurrParamLdSatSclFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatSclFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatSclFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830
t2_CurrParamLdSatSclFac_Uls_u2p14[4][6]	11469
t2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	13107
t2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	16384
t2_CurrParamLdSatSclFac_Uls_u2p14[5][3]	18022
t2_CurrParamLdSatSclFac_Uls_u2p14[5][4]	19661
t2_CurrParamLdSatSclFac_Uls_u2p14[5][5]	21299
t2_CurrParamLdSatSclFac_Uls_u2p14[5][6]	22938
t2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLqSatSclFac_Uls_u2p14[0][1]	3277
t2_CurrParamLqSatSclFac_Uls_u2p14[0][2]	4915

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Curraramcomp_Peri	
Name	Input Value
t2_CurrParamLqSatSclFac_Uls_u2p14[0][3]	6554
2_CurrParamLqSatSclFac_Uls_u2p14[0][4]	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[0][5]	9830
t2_CurrParamLqSatSclFac_Uls_u2p14[0][6]	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[1][0]	13107
t2_CurrParamLqSatSclFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[1][2]	16384
t2_CurrParamLqSatSclFac_Uls_u2p14[1][3]	18022
t2_CurrParamLqSatSclFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSclFac_Uls_u2p14[1][5]	21299
t2_CurrParamLqSatSclFac_Uls_u2p14[1][6]	22938
	24576
t2_CurrParamLqSatSclFac_Uls_u2p14[2][0]	
t2_CurrParamLqSatSclFac_Uls_u2p14[2][1]	26214
t2_CurrParamLqSatSclFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSclFac_Uls_u2p14[2][3]	29491
l2_CurrParamLqSatSclFac_Uls_u2p14[2][4]	31130
t2_CurrParamLqSatSclFac_Uls_u2p14[2][5]	31949
t2_CurrParamLqSatSclFac_Uls_u2p14[2][6]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[3][0]	3277
t2_CurrParamLqSatSclFac_Uls_u2p14[3][1]	6554
t2_CurrParamLqSatSclFac_Uls_u2p14[3][2]	8192
t2_CurrParamLqSatSclFac_Uls_u2p14[3][3]	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSclFac_Uls_u2p14[3][6]	31130
t2_CurrParamLqSatSclFac_Uls_u2p14[4][0]	1638
t2_CurrParamLqSatSclFac_Uls_u2p14[4][1]	3277
t2_CurrParamLqSatSclFac_Uls_u2p14[4][2]	4915
t2_CurrParamLqSatSclFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatSclFac_Uls_u2p14[4][4]	8192
t2_CurrParamLqSatScIFac_Uls_u2p14[4][5]	9830
	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[4][6]	
t2_CurrParamLqSatSclFac_Uls_u2p14[5][0]	13107
t2_CurrParamLqSatSclFac_Uls_u2p14[5][1]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSclFac_Uls_u2p14[5][3]	18022
t2_CurrParamLqSatSclFac_Uls_u2p14[5][4]	19661
t2_CurrParamLqSatSclFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSclFac_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_CurrParamCompQaxRer_Amp_u9p7[4] t_CurrParamCompQaxRef_Amp_u9p7[5]	8448
	9856
_CurrParamCompQaxRef_Amp_u9p7[6]	
t_KeSatTblX_Amp_u9p7[0]	1408
KeSatTblX_Amp_u9p7[1]	2816
:_KeSatTblX_Amp_u9p7[2]	4224
_KeSatTblX_Amp_u9p7[3]	5632
:_KeSatTblX_Amp_u9p7[4]	7040
_KeSatTblX_Amp_u9p7[5]	8448
_KeSatTblX_Amp_u9p7[6]	9856
_KeSatTblX_Amp_u9p7[7]	11264
_KeSatTblX_Amp_u9p7[8]	12672
_KeSatTblX_Amp_u9p7[9]	14080
KeSatTblX_Amp_u9p7[10]	15360
KeSatTblX_Amp_u9p7[11]	16640
rcedut188unp_usp7[11] KeSatTblX_Amp_u9p7[12]	17920
_keSatTblX_Amp_u9p7[13]	19200
:_KeSatTblX_Amp_u9p7[14]	20480
_KeSatTblX_Amp_u9p7[15]	21760
_KeSatTblY_Uls_u2p14[0]	2130
_KeSatTblY_Uls_u2p14[1]	2294
t_KeSatTblY_Uls_u2p14[2]	2458
t_KeSatTblY_Uls_u2p14[3]	1966

 $\label{tgt_currParamComp_Per1_EstLq_Henry_f32.value} $$ tgt_CurrParamComp_Per1_EstR_Ohm_f32.value $$ tgt_Curr$

2016-01-18, 15:53:14+0530



0.000260000001 ± 0.0625

0.0949999988

CurrParamComp_Per1

Name	Input Value		
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	-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		
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_R$	f3: tgt_CurrParamComp_Per1_MtrCurrDaxRef	_Amp_f32	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_refull (Application of the Comparation of the Comparatio$	f3: tgt_CurrParamComp_Per1_MtrCurrQaxRef	_Amp_f32	
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	0	0	✓
MtrEstKe_VpRadpS_M_f32[0]	0.0480000004	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	✓

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	V

0.000260000001

0.0949999988