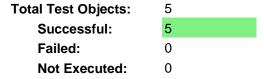
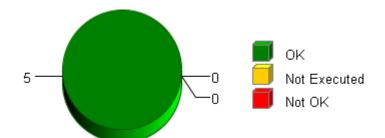


Summary

Overall Test Object Results (including Coverage)



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Selected Project Items

Test Object "CBD UnitTest/CurrParamComp/CurrParamComp Init"

Test Object "CBD UnitTest/CurrParamComp/CurrParamComp Per1"

Test Object "CBD_UnitTest/CurrParamComp/CurrParamComp_Per2"

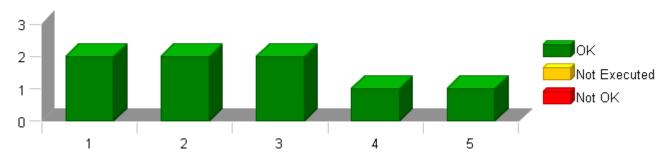
Test Object "CBD UnitTest/CurrParamComp/SCom EOLNomMtrParam Get"

Test Object "CBD_UnitTest/CurrParamComp/SCom_EOLNomMtrParam_Set"

Used Test Environments

TI TMS 570 PLS UDE (Default)

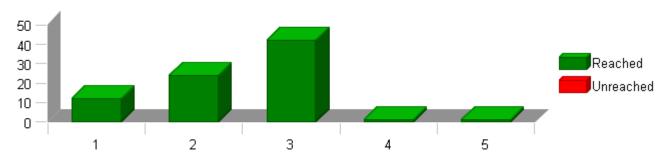
Test Case Results for Each Test Object (without Coverage)



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).

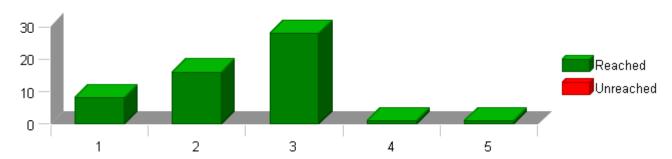


Statement (C0) Coverage: Total Statements for Each Test Object



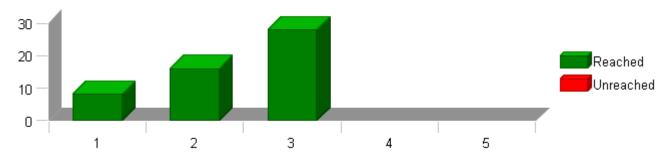
The table above shows each test object on the x axis and the number of statements of the respective test object on the y axis. Each bar is divided into reached statements (i.e. statements that have been executed during the test) and unreached statements.

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

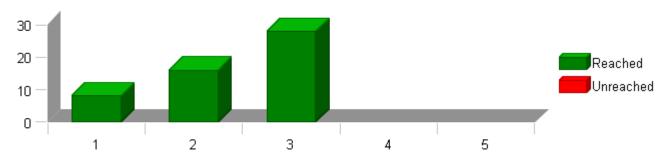


The table above shows test objects on the x axis and the number of possible outcomes of all decisions of the respective test object on the y axis. To achieve full DC coverage, each decision must evaluate to both true and false.

Each bar is divided into reached and unreached decision outcomes.



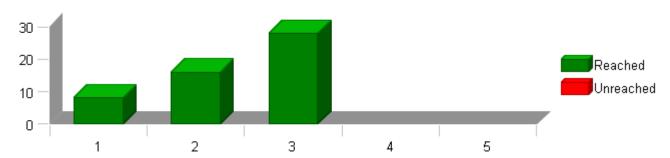
MC/DC Coverage: Total Condition Combinations for Each Test Object



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 Object List

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

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

No.	Name	C0	C1	DC	MC/DC	MCC	Test Cases Result
	MtrCtrl_CM_SF99B	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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CurrParamComp_Init

 Project
 MtrCtrl_CM_SF99B

 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	

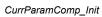
Module Properties

Project Root Directory	D:\Synergy_Work_Area\MtrCtrl_CM_SF99B
Configuration File	D:\Synergy_Work_Area\MtrCtrl_CM_SF99B\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\utp\contract\Ap_CurrParamComp -I\$(PROJECTROOT)\StdDef\utp\contract\Ap_CurrParamComp -I\$\underset\upper -I\upper\upper -I\upper\upper -I\upper\

Comments/Description/S	pecification
Name	Text
Module 'CurrParamComp'	Name of Tester:Komal Sharma Code File(s) Under Test:Ap_CurrParamComp.c Code File(s) Version:12 Module Design Document:CurrParamComp_MDD.docx Module Design Document Version:7 Data Dictionary Version:15 Unit Test Plan Version:15 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):27 Total CALS Used (Bytes):2865 Special Test Requirements:NA Test Date:9/15/2016 Comments:"Note 1: Inline functions declared in Globalmacro.h are not Unit Tested. Note 2:""""CBD_Sandbox_dbg.map"""" map file is embedded for reference. Note 3: In Function ""CurrParamComp_Per2"", to cover the ""Limit_m"" condition ""(NomKe_VpRadpS_T_f32) <= (0.01))==>TRUE"" at SRC line number 419, Variable ""NomKe_VpRadpS_f32"" is given out of range value as '0.01' over the DD range as [0.025, 0.075] in Metrics test vector number '2'."

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>		

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Attributes					
Name	Value				
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src				
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd				
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl				
Target Install Path \$(ProgramFiles)\pls\UDE 4.4					
Timer Enabled	false				
Timer Prescale	0				
Timer Resolution	1				
Timer Unit	Cycles				
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg				
Workspace File	D:\Synergy_Work_Area\MtrCtrl_CM_SF99B\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)			✓
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	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]	0.075000003	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	✓

T .				
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	0.0781000033			
$target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstKe_VpRadpS_f32$	nst_Ap_CurrParamComp_CurrParamComp_Init_EstKe_VpRadpS_f32 target_CurrParamComp_Init_EstKe_VpRadpS_f32				
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32	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]	0.0375000015	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	~		

T				
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	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]	0.0250000004	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	•	

T				✓
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

target_CurrParamComp_Init_EstKe_VpRadpS_f32.value

 $target_CurrParamComp_Init_EstLd_Henry_f32.value$

target_CurrParamComp_Init_EstLq_Henry_f32.value

target_CurrParamComp_Init_EstR_Ohm_f32.value

CurrParamComp_Init

MtrEstKe_VpRadpS_M_f32[1]

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0.075000003

0.075000003 0.000410000008

0.125650004

0.000410000008

Result

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

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

0.125650004

0.075000003

0.075000003

0.000410000008

0.000410000008

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		
$target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstKe_VpRadpS_f32$	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	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	~

T				
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	0.0428999998		
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_VpRa	adpS_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_Henr	y_f32	
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstR_Ohm_f32	target_CurrParamComp_Init_EstR_Ohm_	<u>f</u> 32	
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	

CurrParamComp_Init

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 Name
 Actual Value
 Expected Value
 Resultarget_CurrParamComp_Init_EstR_Ohm_f32.value

 0.0577999987
 0.0577999987

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

Test Step 2.5 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Ap_CurrParamComp	target_Rte_Inst_Ap_CurrParamComp		
k_MaxKeRngLmt_VpRadpS_f32	0.0445999987		
k_MinKeRngLmt_VpRadpS_f32	0.0276999995		
k_NomLd_Henry_f32	0.000118889999		
k_NomLq_Henry_f32	0.000310000003		
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0403000005		
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0781000033		
$target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstKe_VpRadpS_f32$	target_CurrParamComp_Init_EstKe_VpRad	pS_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]	0.0403000005	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	~

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

Test Step 2.6 (Repeat Count = 1)			V
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	_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	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	~

T				✓
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_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]	0.0430999994	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	•

T					V
Actual Function	Count	Expected Function	Count	Res	ılt
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		
$target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstKe_VpRadpS_f32$	32 target_CurrParamComp_Init_EstKe_VpRadpS_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32	target_CurrParamComp_Init_EstLd_Henry_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLq_Henry_f32	target_CurrParamComp_Init_EstLq_Henry_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstR_Ohm_f32	target_CurrParamComp_Init_EstR_Ohm_f32		
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	target_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
MtrEstKe_VpRadpS_M_f32[0]	0.0445000008	0.0445000008	~
MtrEstKe_VpRadpS_M_f32[1]	0.0445000008	0.0445000008	~
target_CurrParamComp_Init_EstKe_VpRadpS_f32.value	0.0445000008	0.0445000008	~
target_CurrParamComp_Init_EstLd_Henry_f32.value	0.000310000003	0.000310000003	~
target_CurrParamComp_Init_EstLq_Henry_f32.value	0.000118889999	0.000118889999	~
target_CurrParamComp_Init_EstR_Ohm_f32.value	0.0790000036	0.0790000036	~

T				V
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.9 (Repeat Count = 1)			V
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	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_f32		
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	target_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
MtrEstKe_VpRadpS_M_f32[0]	0.0458999984	0.0458999984	~
MtrEstKe_VpRadpS_M_f32[1]	0.0458999984	0.0458999984	~
target_CurrParamComp_Init_EstKe_VpRadpS_f32.value	0.0458999984	0.0458999984	~
target_CurrParamComp_Init_EstLd_Henry_f32.value	0.00026999999	0.00026999999	~

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Name	Actual Value	Expected Value	Result
target_CurrParamComp_Init_EstLq_Henry_f32.value	0.000209999998	0.000209999998	~
target_CurrParamComp_Init_EstR_Ohm_f32.value	0.00499999989	0.00499999989	~

au				
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	0.0531000011		
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_VpI	RadpS_f32	
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32	target CurrParamComp Init EstLd Henry f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLq_Henry_f32	target CurrParamComp Init EstLq Henry f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstR_Ohm_f32	target_CurrParamComp_Init_EstR_Ohm_f32		
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	target_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
MtrEstKe_VpRadpS_M_f32[0]	0.0472999997	0.0472999997	✓
MtrEstKe_VpRadpS_M_f32[1]	0.0472999997	0.0472999997	✓
target_CurrParamComp_Init_EstKe_VpRadpS_f32.value	0.0472999997	0.0472999997	•
target_CurrParamComp_Init_EstLd_Henry_f32.value	0.000169999999	0.000169999999	~
target_CurrParamComp_Init_EstLq_Henry_f32.value	0.000300000014	0.000300000014	~
target CurrParamComp Init EstR Ohm f32.value	0.125650004	0.125650004	✓

T				V
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	•

Test Step 2.11 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Ap_CurrParamComp	target_Rte_Inst_Ap_CurrParamComp		
k_MaxKeRngLmt_VpRadpS_f32	0.0548		
k_MinKeRngLmt_VpRadpS_f32	0.0300999992		
k_NomLd_Henry_f32	0.000209999998		
k_NomLq_Henry_f32	0.000280000007		
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0487000011		
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0719999969		
$target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstKe_VpRadpS_f32$	target_CurrParamComp_Init_EstKe_VpRad	pS_f32	
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32	target_CurrParamComp_Init_EstLd_Henry_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLq_Henry_f32	target_CurrParamComp_Init_EstLq_Henry_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstR_Ohm_f32	target_CurrParamComp_Init_EstR_Ohm_f32		
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	target_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
MtrEstKe_VpRadpS_M_f32[0]	0.0487000011	0.0487000011	~
MtrEstKe_VpRadpS_M_f32[1]	0.0487000011	0.0487000011	~
target_CurrParamComp_Init_EstKe_VpRadpS_f32.value	0.0487000011	0.0487000011	~
target_CurrParamComp_Init_EstLd_Henry_f32.value	0.000209999998	0.000209999998	~
target_CurrParamComp_Init_EstLq_Henry_f32.value	0.000280000007	0.000280000007	~
target_CurrParamComp_Init_EstR_Ohm_f32.value	0.0719999969	0.0719999969	~

T				V
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	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_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstR_Ohm_f32	target_CurrParamComp_Init_EstR_Ohm_f32		
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	target_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
MtrEstKe_VpRadpS_M_f32[0]	0.0305000003	0.0305000003	~
MtrEstKe_VpRadpS_M_f32[1]	0.0305000003	0.0305000003	~
target_CurrParamComp_Init_EstKe_VpRadpS_f32.value	0.0305000003	0.0305000003	~
target_CurrParamComp_Init_EstLd_Henry_f32.value	0.000300000014	0.000300000014	•
target_CurrParamComp_Init_EstLq_Henry_f32.value	0.000255999999	0.000255999999	~
target_CurrParamComp_Init_EstR_Ohm_f32.value	0.0781000033	0.0781000033	~

Т				V
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		
$target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstKe_VpRadpS_f32$	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_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	✓

T				
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.14 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Ap_CurrParamComp	target_Rte_Inst_Ap_CurrParamComp		
k_MaxKeRngLmt_VpRadpS_f32	0.0599000007		
k_MinKeRngLmt_VpRadpS_f32	0.0313000008		
k_NomLd_Henry_f32	0.000255999999		
k_NomLq_Henry_f32	0.000169999999		
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0529000014		
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0421000011		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstKe_VpRadpS_f32	target_CurrParamComp_Init_EstKe_VpRad	pS_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]	0.0529000014	0.0529000014	~
MtrEstKe_VpRadpS_M_f32[1]	0.0529000014	0.0529000014	~
target_CurrParamComp_Init_EstKe_VpRadpS_f32.value	0.0529000014	0.0529000014	~

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

T ·				
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_VpRadpS_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	~

T					V
Actual Function	Count	Expected Function	Count	Res	ult
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	~

T ·				V
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.17 (Repeat Count = 1)		
Name	Input Value	
Rte_Inst_Ap_CurrParamComp	target_Rte_Inst_Ap_CurrParamComp	

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Name	Input Value		
k_MaxKeRngLmt_VpRadpS_f32	0.0649999976		
k_MinKeRngLmt_VpRadpS_f32	0.0260000005		
k_NomLd_Henry_f32	0.000310000003		
k_NomLq_Henry_f32	0.000280000007		
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0571000017		
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0781000033		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstKe_VpRadpS_f32	target_CurrParamComp_Init_EstKe_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]	0.0571000017	0.0571000017	~
MtrEstKe_VpRadpS_M_f32[1]	0.0571000017	0.0571000017	✓
target_CurrParamComp_Init_EstKe_VpRadpS_f32.value	0.0571000017	0.0571000017	~
target_CurrParamComp_Init_EstLd_Henry_f32.value	0.000310000003	0.000310000003	~
target_CurrParamComp_Init_EstLq_Henry_f32.value	0.000280000007	0.000280000007	~
target_CurrParamComp_Init_EstR_Ohm_f32.value	0.0781000033	0.0781000033	✓

T				✓
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	0.0250000004		
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_VpRad	pS_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]	0.0250000004	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	✓

T				✓
Actual Function	Count	Expected Function	Count	t Result
none	0	*** No Call Expected ***	0	~

Test Step 2.19 (Repeat Count = 1)			_
Name	Input Value		
Rte_Inst_Ap_CurrParamComp	target_Rte_Inst_Ap_CurrParamComp		
k_MaxKeRngLmt_VpRadpS_f32	0.075000003		
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	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_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]	0.0599000007	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	✓

T				V
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		
k_MinKeRngLmt_VpRadpS_f32	0.0337000005		
k_NomLd_Henry_f32	0.000209999998		
k_NomLq_Henry_f32	0.000169999999		
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0612999983		
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0790000036		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstKe_VpRadpS_f32	target_CurrParamComp_Init_EstKe_VpRadpS_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32	target_CurrParamComp_Init_EstLd_Henry_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLq_Henry_f32	target_CurrParamComp_Init_EstLq_Henry_f32		
target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstR_Ohm_f32	target_CurrParamComp_Init_EstR_Ohm_f32	!	
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	target_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
MtrEstKe_VpRadpS_M_f32[0]	0.059999987	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	✓

T					
Actual Function	Count	Expected Function	Count	Resu	lt
none	0	*** No Call Expected ***	0		•

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SCom_EOLNomMtrParam_Get

Project MtrCtrl_CM_SF99B

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_SF99B
Configuration File	D:\Synergy_Work_Area\MtrCtrl_CM_SF99B\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

Name	Text
Module 'CurrParamComp'	**************************************
	Name of Tester:Komal Sharma Code File(s) Under Test:Ap_CurrParamComp.c Code File(s) Version:12 Module Design Document:CurrParamComp_MDD.docx Module Design Document:CurrParamComp_MDD.docx Module Design Document Version:7 Data Dictionary Version:15 Unit Test Plan Version:5 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 FAM Used (Bytes):52 Total CALS Used (Bytes):2865 Special Test Requirements:NA Test Date:9/15/2016 Comments:"Note 1: Inline functions declared in Globalmacro.h are not Unit Tested. Note 2:""""CBD_Sandbox_dbg.map"""" map file is embedded for reference. Note 3: In Function ""CurrParamComp_Per2"", to cover the ""Limit_m"" condition ""(NomKe_VpRadpS_T_f32) <= (0.01))==>TRUE"" at SRC line number 419, Variable ""NomKe_VpRadpS_f32"" is given out of range value as '0.01' over the DD range as [0.025, 0.075] in Metrics test vector number '2'."

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.tpl
Target Install Path	\$(ProgramFiles)\pls\UDE 4.4

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SCom_EOLNomMtrParam_Get

Attributes					
Name	Value				
Timer Enabled	false				
Timer Prescale	0				
Timer Resolution	1				
Timer Unit	Cycles				
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg				
Workspace File	<pre>D:\Synergy_Work_Area\MtrCtrl_CM_SF99B\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP</pre>				

TS1.8 All max



SCom_EOLNomMtrParam_Get

Test Case 1: Boundary Test Specification Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles: TS1.1 251.00 Cycles TS1.2 252.00 Cycles TS1.3 252.00 Cycles TS1.4 252.00 Cycles TS1.5 252.00 Cycles TS1.5 252.00 Cycles TS1.5 252.00 Cycles TS1.6 252.00 Cycles TS1.7 252.00 Cycles TS1.7 252.00 Cycles TS1.7 252.00 Cycles TS1.18 E-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.NomRmt_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

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_CurrParam0	Comp	
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	✓

T					
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	Сотр	
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	ı	
Name	Actual Value	Expected Value	Result
target_NomKe_VpRadpS_f32	0.075000003	0.075000003	~
target_NomRmtr_Ohm_f32	0.0571999997	0.0571999997	~

T					
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_CurrParamCe	omp	
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



Т					
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_CurrParamC	Comp	
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0379999988		
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.00499999989		
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	target_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
target_NomKe_VpRadpS_f32	0.0379999988	0.0379999988	✓
target_NomRmtr_Ohm_f32	0.00499999989	0.0049999989	✓

Τ					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_CurrParam	nComp	
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	ı	
Name	Actual Value	Expected Value	Result
target_NomKe_VpRadpS_f32	0.0469999984	0.0469999984	~
target_NomRmtr_Ohm_f32	0.125650004	0.125650004	✓

Τ					
Actual Function	Count	Expected Function	Count	Result	
none	0	*** No Call Expected ***	0	~	

Test Step 1.6 (Repeat Count = 1)		V
Name	Input Value	
NomKe_VpRadpS_f32	target_NomKe_VpRadpS_f32	
NomRmtr_Ohm_f32	target_NomRmtr_Ohm_f32	
Rte_Inst_Ap_CurrParamComp	target_Rte_Inst_Ap_CurrParamComp	
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0579999983	
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0781999975	
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	target_Pim_EOLNomMtrParam	
Name	Actual Value Expected Val	ue Result
target_NomKe_VpRadpS_f32	0.0579999983 0.0579999983	~
target_NomRmtr_Ohm_f32	0.0781999975 0.0781999975	✓

T				✓
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	

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Scott_Lockontwith arant_Get	
Name	Input Value
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	target_Pim_EOLNomMtrParam

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

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

Test Step 1.8 (Repeat Count = 1)			✓
Name	Input Value		
NomKe_VpRadpS_f32	target_NomKe_VpRadpS_f32		
NomRmtr_Ohm_f32	target_NomRmtr_Ohm_f32		
Rte_Inst_Ap_CurrParamComp	target_Rte_Inst_Ap_CurrParam	Comp	
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		
Name	Actual Value	Expected Value	Result
target_NomKe_VpRadpS_f32	0.075000003	0.075000003	✓
target_NomRmtr_Ohm_f32	0.125650004	0.125650004	✓

T		V		
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

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CurrParamComp_Per2

 Project
 MtrCtrl_CM_SF99B

 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_SF99B
Configuration File	D:\Synergy_Work_Area\MtrCtrl_CM_SF99B\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= -D_ inline= -Dconst= -I\$(PROJECTROOT)\MtrCtrl_CM\utp\contract -I\$(PROJECTROOT)\NxtrLib\include -I\$ (PROJECTROOT)\MtrCtrl_CM\utp\contract\Ap_CurrParamComp -I\$(PRŌJECTROOT)\StdDef\include -I\$(PROJECTROOT)\MtrCtrl_CM\utp\contract\Ap_CurrParamComp -I\$(PROJECTROOT)\utp\contract\Ap_CurrParamComp -I\$(PROJECTROOT)\utp\contract\Ap_CurrParamComp -I\$\upprox (PROJECTROOT)\utp\contract\Ap_CurrParamComp -I\$\upprox (PROJECTROOT)\utp\contract\Ap_CurrParamComp -I\$\upprox (PROJECTROOT)\utp\contract\Ap_CurrParamComp -I\$\upprox (PROJECTROOT)\utprox (PRO

Name	Text
Module 'CurrParamComp'	**************************************
	Name of Tester:Komal Sharma
	Code File(s) Under Test:Ap_CurrParamComp.c
	Code File(s) Version:12
	Module Design Document:CurrParamComp_MDD.docx Module Design Document Version:7
	Notate Design Described Version: 7 Data Dictionary Version: 15
	Unit Test Plan Version:5
	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):2865
	Special Test Requirements:NA
	Test Date:9/15/2016
	Comments: "Note 1: Inline functions declared in Globalmacro.h are not Unit Tested.
	Note 2:"""CBD_Sandbox_dbg.map""" map file is embedded for reference.
	Note 3: In Function ""CurrParamComp_Per2"", to cover the ""Limit_m"" condition ""(NomKe_VpRadpS_T_f32) <= (0.01))==>TRUE"" at SRC ling number 419, Variable ""NomKe_VpRadpS_f32"" is given out of range value as '0.01' over the DD range as [0.025, 0.075] in Metrics test vector number '2'."

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

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CurrParamComp_Per2



Attributes	
Name	Value
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd</pre>
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl
Target Install Path	\$(ProgramFiles)\pls\UDE 4.4
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
Timer Unit	Cycles
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.ofg
Workspace File	D:\Synergy_Work_Area\MtrCtrl_CM_SF99B\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_MAGTEMPESTHILMT_DEGC_F32)=True
(SiTempEst_DegC_T_f32>=D_SITEMPESTLOLMT_DEGC_F32)=True"
TS1.2"Longest Execution Path:
(NomRmtr_Ohm_T_f32>=D_MINRRANGE_OHM_F32)=False
(NomKe_VpRadpS_T_f32>=D_MINKERANGE_VPRADPS_F32)=False
(CuTempEst_DegC_T_f32>=D_CUTEMPESTLOLMT_DEGC_F32)=False
(SiTempEst_DegC_T_f32>=D_SITEMPESTLOLMT_DEGC_F32)=False
(MagTempEst_DegC_T_f32>=D_MAGTEMPESTHILMT_DEGC_F32)=False"

Test Step 1.1 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp		
k_CuThermCoeff_OhmpDegC_f32	0.000681000005		
k_MagThrC_VpRadpSpDegC_f32	-0.00033000001		
k_MaxKeRngLmt_VpRadpS_f32	0.0710000023		
k_MaxRRngLmt_Ohm_f32	0.0280000009		
k_MinKeRngLmt_VpRadpS_f32	0.0260000005		
k_MinRRngLmt_Ohm_f32	0.0430000015		
k_NomRfet_Ohm_f32	0.0130000003		
k_NomTemp_DegC_f32	46.769001		
k_SiThermCoeff_OhmpDegC_f32	0		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	300		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	200		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	150		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.075000003		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.125650004		
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32$	tgt_CurrParamComp_Per2_CuTempEst_Deg	gC_f32	
tgt Rte Inst Ap CurrParamComp.CurrParamComp Per2 MagTempEst DegC f3:	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	0.0710000023	0.0710000023	~
EstRFF_Ohm_M_f32	0.0280000009	0.0280000009	✓

Τ				✓
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	0.000199999995	
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	0.0099999978	
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.00499999989	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f3	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_f3	2 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	•

Т				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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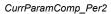
Specification

CurrParamComp_Per2

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

CPU Cycles:

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
TS2.6 700.00 Cycles
TS2.6 690.00 Cycles
TS2.7 682.00 Cycles
TS2.9 700.00 Cycles
TS2.10 681.00 Cycles
TS2.11 690.00 Cycles
TS2.12 700.00 Cycles
TS2.13 671.00 Cycles
TS2.14 691.00 Cycles
TS2.15 682.00 Cycles
TS2.15 682.00 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
TS2.17 700.00 Cycles
TS2.17 700.00 Cycles
TS2.18 690.00 Cycles
TS2.19 700.00 Cycles
TS2.20 700.00 Cycles
TS2.21 690.00 Cycles
TS2.22 700.00 Cycles
TS2.23 690.00 Cycles
TS2.24 681.00 Cycles
TS2.25 700.00 Cycles
TS2.26 690.00 Cycles
TS2.27 690.00 Cycles
TS2.28 690.00 Cycles
TS2.29 700.00 Cycles
TS2.29 700.00 Cycles
TS2.21 690.00 Cycles
TS2.23 671.00 Cycles
TS2.23 671.00 Cycles
TS2.31 700.00 Cycles
TS2.32 672.00 Cycles
TS2.33 700.00 Cycles
TS2.34 690.00 Cycles
TS2.35 700.00 Cycles
TS2.37 700.00 Cycles
TS2.38 671.00 Cycles
TS2.39 700.00 Cycles
TS2.39 700.00 Cycles
TS2.39 671.00 Cycles
TS2.39 671.00 Cycles
TS2.39 671.00 Cycles
TS2.39 681.00 Cycles
TS2.40 681.00 Cycles
TS2.41 681.00 Cycles
TS2.42 699.00 Cycles
TS2.43 681.00 Cycles
TS2.44 690.00 Cycles
TS2.45 709.00 Cycles
TS2.47 681.00 Cycles
TS2.48 699.00 Cycles
TS2.49 699.00 Cycles
TS2.50 709.00 Cycles
TS2.51 671.00 Cycles
TS2.52 690.00 Cycles
TS2.53 692.00 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
 TS 2.3CuTempEst_DegC_f32 min
TS 2.3CuTempEst_DegC_f32 max
TS 2.5CuTempEst_DegC_f32 zero
TS 2.6CuTempEst_DegC_f32 reg
TS 2.7CuTempEst_DegC_f32 pos
TS 2.8MagTempEst_DegC_f32 min
   TS 2.9MagTempEst_DegC_f32 max
 TS 2.10MagTempEst_DegC_f32 zero
TS 2.11MagTempEst_DegC_f32 zero
TS 2.11MagTempEst_DegC_f32 neg
TS 2.12MagTempEst_DegC_f32 pos
TS 2.13SiTempEst_DegC_f32 min
TS 2.14SiTempEst_DegC_f32 max
  TS 2.15SiTempEst_DegC_f32 zero
TS 2.16SiTempEst_DegC_f32 neg
TS 2.17SiTempEst_DegC_f32 pos
IS 2.18k NomTemp_DegC_132 pos
TS 2.18k NomTemp_DegC_132 min
TS 2.19k_NomTemp_DegC_132 pos
TS 2.20k_NomTemp_DegC_132 pos
TS 2.20k_NomTemp_DegC_132 pos
TS 2.21k_NomTemp_DegC_132 neg
TS 2.22k_NomTemp_DegC_132 pos
TS 2.23k_NomTemp_DegC_132 Default
TS 2.24k_MagThrC_VpRadpSpDegC_132 min
TS 2.25k_MagThrC_VpRadpSpDegC_132 max
TS 2.26k_MagThrC_VpRadpSpDegC_132 pos
TS 2.27k_MagThrC_VpRadpSpDegC_132 pos
TS 2.27k_MagThrC_VpRadpSpDegC_132 pos
TS 2.28k_MagThrC_VpRadpSpDegC_132 max
TS 2.38k_MagThrC_VpRadpSpDegC_132 min
TS 2.30k_MinKeRngLmt_VpRadpS_132 max
TS 2.31k_MinKeRngLmt_VpRadpS_132 max
TS 2.31k_MinKeRngLmt_VpRadpS_132 pos/Default
TS 2.33k_MaxKeRngLmt_VpRadpS_132 pos/Default
TS 2.33k_MaxKeRngLmt_VpRadpS_132 pos/Default
TS 2.34k_MaxKeRngLmt_VpRadpS_132 pos/Default
TS 2.35k_NomRfet_Ohm_132 min
TS 2.36k_NomRfet_Ohm_132 min
TS 2.38k_SiThermCoeff_OhmpDegC_132 min
   TS 2.18k_NomTemp_DegC_f32 min
   TS 2.38k_SiThermCoeff_OhmpDegC_f32 min
TS 2.39k_SiThermCoeff_OhmpDegC_f32 max
TS 2.40k_SiThermCoeff_OhmpDegC_f32 pos/Default
   TS 2.41k CuThermCoeff_OhmpDegC_f32 min
TS 2.42k CuThermCoeff_OhmpDegC_f32 max
TS 2.43k_CuThermCoeff_OhmpDegC_f32 pos/Default
   TS 2.44k_MinRRngLmt_Ohm_f32 min
  TS 2.45k_MinRRngLmt_Ohm_f32 max
TS 2.46k_MinRRngLmt_Ohm_f32 pos/Default
   TS 2.47k_MaxRRngLmt_Ohm_f32 min
  TS 2.48k_MaxRRngLmt_Ohm_f32 max
TS 2.49k_MaxRRngLmt_Ohm_f32 pos/Default
 TS 2.49K_MI3XRRIGLMt_Onm_132 pos/Default
TS 2.50Rte_Pim_EOLNomMtrParam.Pim_EOLNomMtrParam.NomKe_VpRadpS_f32 min
TS 2.51Rte_Pim_EOLNomMtrParam.Pim_EOLNomMtrParam.NomKe_VpRadpS_f32 max
TS 2.52Rte_Pim_EOLNomMtrParam.Pim_EOLNomMtrParam.NomKe_VpRadpS_f32 pos
TS 2.53Rte_Pim_EOLNomMtrParam.Pim_EOLNomMtrParam.NomRmtr_Ohm_f32 min
  TS 2.54Rte_Pim_EOLNomMtrParam.Pim_EOLNomMtrParam.NomRmtr_Ohm_f32 max TS 2.55Rte_Pim_EOLNomMtrParam.Pim_EOLNomMtrParam.NomRmtr_Ohm_f32 pos
```

Test Step 2.1 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp		
k_CuThermCoeff_OhmpDegC_f32	0		
k_MagThrC_VpRadpSpDegC_f32	-0.00150000001		
k_MaxKeRngLmt_VpRadpS_f32	0.0250000004		
k_MaxRRngLmt_Ohm_f32	0.00499999989		
k_MinKeRngLmt_VpRadpS_f32	0.0250000004		
k_MinRRngLmt_Ohm_f32	0.00499999989		
k_NomRfet_Ohm_f32	0		
k_NomTemp_DegC_f32	-40		
k_SiThermCoeff_OhmpDegC_f32	0		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	-50		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	-50		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	-50		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0250000004		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.00499999989		
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32$	tgt_CurrParamComp_Per2_CuTempEst_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	0.00499999989	0.00499999989	~





Τ				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 2.2 (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_De	gC_f32	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f35222222222222222222222222222222222222$	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	0.075000003	0.075000003	✓
EstRFF_Ohm_M_f32	0.125650004	0.125650004	✓

T				✓
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	0.00211		
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_f3	tgt_CurrParamComp_Per2_CuTempEst_De	gC_f32	
tgt Rte Inst Ap CurrParamComp.CurrParamComp Per2 MagTempEst DegC t	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	0.0309999995	0.0309999995	•
EstRFF Ohm M f32	0.00600000005	0.00600000005	•

T							
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	0.0099999978		
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	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	0.0320000015	0.0320000015	~
EstRFF_Ohm_M_f32	0.00700000022	0.00700000022	~

Т				✓
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_De	gC_f32	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f3322222222222222222222222222222222222$	tgt_CurrParamComp_Per2_MagTempEst_D	0egC_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	0.00800000038	0.00800000038	~

T							
Actual Function	Count	Expected Function	Count	Result			
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	~			
Rte Call CurrParamComp Per2 CP1 CheckpointReached	1	Rte Call CurrParamComp Per2 CP1 CheckpointReached	1	✓			

Test Step 2.6 (Repeat Count = 1)		✓
Name	Input Value	
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp	
k_CuThermCoeff_OhmpDegC_f32	0.00345199998	
k_MagThrC_VpRadpSpDegC_f32	-0.000418999989	

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EstRFF_Ohm_M_f32

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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 $tgt_Rte_Inst_Ap_CurrParamComp_Per2_CuTempEst_DegC_f32 \\ tgt_CurrParamComp_Per2_CuTempEst_DegC_f32 \\ tgt_Curr$ $tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32\\ \ tgt_CurrParamComp_Per2_MagTempEst_DegC_f32\\ \ tgt_CurrParamComp_Per2_MagTempEst_DegC_f$ tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32 tgt_CurrParamComp_Per2_SiTempEst_DegC_f32 $tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam$ tgt_Pim_EOLNomMtrParam Name Actual Value **Expected Value** Result EstKeFF_VpRadpS_M_f32 0.074000001 0.074000001

Т							
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	~			

0.00899999961

0.00899999961

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_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	0.0350000001	0.0350000001	•
EstRFF_Ohm_M_f32	0.00999999978	0.00999999978	•

T					
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	

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Name	Input Value		
k_SiThermCoeff_OhmpDegC_f32	0.000609999988		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	-20.3260002		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	-50		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	-32.9049988		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0500000007		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0960000008		
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32$	tgt_CurrParamComp_Per2_CuTempEst_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	0.0359999985	0.0359999985	~
EstRFF_Ohm_M_f32	0.0109999999	0.0109999999	~

Τ							
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_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_Degr	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	✓

T				✓
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	-0.000230999998	
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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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	~

Τ				✓
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	0.0599999987		
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	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f3222222222222222222222222222222222222$	tgt_CurrParamComp_Per2_MagTempEst_De	egC_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	0.0390000008	0.0390000008	~
EstRFF_Ohm_M_f32	0.0140000004	0.0140000004	•

T				✓
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_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	0.0590000004	0.0590000004	~

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T				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	0.0599999987		
k_MinRRngLmt_Ohm_f32	0.0189999994		
k_NomRfet_Ohm_f32	0.0710000023		
k_NomTemp_DegC_f32	-2.26699996		
k_SiThermCoeff_OhmpDegC_f32	0.000679999997		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	-15.4759998		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	-25.3649998		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	-50		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.075000003		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.125650004		
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32$	tgt_CurrParamComp_Per2_CuTempEst_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_Degr	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	~

T				✓
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	~





T				
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_De	gC_f32	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f3222222222222222222222222222222222222$	tgt_CurrParamComp_Per2_MagTempEst_D	egC_f32	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32$	2 tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32	0.0430000015	0.0430000015	~
EstRFF_Ohm_M_f32	0.0179999992	0.0179999992	~

T →				
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 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	0.0610000007	0.0610000007	•
EstRFF Ohm M f32	0.0189999994	0.0189999994	•

T				✓
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	0.019999996
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_DegC_f32

CurrParamComp_Per2

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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_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	0.064000003	0.064000003	~
EstRFF_Ohm_M_f32	0.0099999978	0.0099999978	~

T				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_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	0.0649999976	0.0649999976	~
EstRFF Ohm M f32	0.0109999999	0.0109999999	✓

T				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 2.21 (Repeat Count = 1)		<u> </u>
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	

CurrParamComp_Per2



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	JC_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	~

T				✓
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)			V
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_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	0.0670000017	0.0670000017	•
EstRFF_Ohm_M_f32	0.0130000003	0.0130000003	~

Τ				✓
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	✓

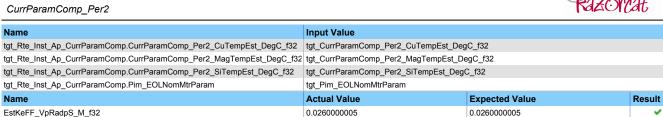
Test Step 2.23 (Repeat Count = 1)	✓
Name	Input Value
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_CuThermCoeff_OhmpDegC_f32	0
k_MagThrC_VpRadpSpDegC_f32	-2.99999992e-005
k_MaxKeRngLmt_VpRadpS_f32	0.0260000005
k_MaxRRngLmt_Ohm_f32	0.0309999995
k_MinKeRngLmt_VpRadpS_f32	0.0289999992
k_MinRRngLmt_Ohm_f32	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

EstRFF_Ohm_M_f32

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0.0309999995



T				✓
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	~

0.0309999995

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		
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f3222222222222222222222222222222222222$	tgt_CurrParamComp_Per2_CuTempEst_De	gC_f32	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_from ParamComp_Per2_MagTempEst_DegC_from ParamComp_Per2_MagTempEst_DegC$	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	0.057	0.057	~
EstRFF_Ohm_M_f32	0.0140000004	0.0140000004	✓

T				✓
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	-

CurrParamComp_Per2



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

T				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 2.26 (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	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	0.0700000003	0.0700000003	~
EstRFF_Ohm_M_f32	0.0160000008	0.0160000008	~

Т				
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)			V
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	0.0399999991		
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	~



T				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 2.28 (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_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	0.0610000007	0.0610000007	~
EstRFF_Ohm_M_f32	0.0179999992	0.0179999992	~

T				✓
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_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	0.0250000004	0.0250000004	~
EstRFF_Ohm_M_f32	0.0189999994	0.0189999994	~

Т				
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	0.019999996
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

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Name	Input Value
k_MaxKeRngLmt_VpRadpS_f32	0.0250000004
k_MaxRRngLmt_Ohm_f32	0.0219999999
k_MinKeRngLmt_VpRadpS_f32	



CurrParamComp_Per2
Name
k_SiThermCoeff_OhmpDegC_f32

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	~

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

Test Step 2.35 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp		
k_CuThermCoeff_OhmpDegC_f32	0.000361999992		
k_MagThrC_VpRadpSpDegC_f32	-0.000630000024		
k_MaxKeRngLmt_VpRadpS_f32	0.0719999969		
k_MaxRRngLmt_Ohm_f32	0.0289999992		
k_MinKeRngLmt_VpRadpS_f32	0.0270000007		
k_MinRRngLmt_Ohm_f32	0.0439999998		
k_NomRfet_Ohm_f32	0		
k_NomTemp_DegC_f32	35.4529991		
k_SiThermCoeff_OhmpDegC_f32	0.00600000005		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	127.3265		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	80.4749985		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	30.8400002		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0250000004		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0729999989		
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32$	tgt_CurrParamComp_Per2_CuTempEst_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	~

T				✓
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_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32	0.0585279763	0.0585279763	~
EstRFF_Ohm_M_f32	0.0260000005	0.0260000005	✓

Τ				
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	✓

T				✓
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	0.000681000005		
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_D	egC_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32	tgt_CurrParamComp_Per2_MagTempEst_	DegC_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32	tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF VpRadpS M f32	0.0710000023	0.0710000023	

CurrParamComp_Per2



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

T				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	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	0.0270000007	0.0270000007	~
EstRFF_Ohm_M_f32	0.0289999992	0.0289999992	~

Τ				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 2.40 (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	egC_f32	
tgt Rte Inst Ap CurrParamComp.CurrParamComp Per2 MagTempEst DegC f3	tgt_CurrParamComp_Per2_MagTempEst_0	DegC_f32	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32$	tgt_CurrParamComp_Per2_SiTempEst_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32	0.0729999989	0.0729999989	~
EstRFF_Ohm_M_f32	0.029999993	0.029999993	~



T				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 2.41 (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	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	0.0260000005	0.0260000005	~
EstRFF_Ohm_M_f32	0.0309999995	0.0309999995	~

T				✓
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_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_DegC_f32		
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32	0.0270000007	0.0270000007	~
EstRFF_Ohm_M_f32	0.0469999984	0.0469999984	~

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

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Test Step 2.43 (Repeat Count = 1)	🗸
Name	Input Value
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_CuThermCoeff_OhmpDegC_f32	0.00393000012
k_MagThrC_VpRadpSpDegC_f32	-0.000500000024
k_MaxKeRngLmt_VpRadpS_f32	0.0280000009
k_MaxRRngLmt_Ohm_f32	0.032999998
k_MinKeRngLmt_VpRadpS_f32	0.030999995
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	0.039999991
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.125650004
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32$	tgt_CurrParamComp_Per2_CuTempEst_DegC_f32

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Name	Input Value
k_MaxKeRngLmt_VpRadpS_f32	0.029999993
k_MaxRRngLmt_Ohm_f32	0.0350000001
k_MinKeRngLmt_VpRadpS_f32	

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Name	Input Value		
k_SiThermCoeff_OhmpDegC_f32	0.000709999993		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	16.5340004		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	140.955002		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	71.0999985		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.075000003		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0729999989		
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32$	tgt_CurrParamComp_Per2_CuTempEst_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	0.0320000015	0.0320000015	~
EstRFF_Ohm_M_f32	0.00499999989	0.00499999989	•

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

Test Step 2.48 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp		
k_CuThermCoeff_OhmpDegC_f32	0		
k_MagThrC_VpRadpSpDegC_f32	0.000300000014		
k_MaxKeRngLmt_VpRadpS_f32	0.0329999998		
k_MaxRRngLmt_Ohm_f32	0.125650004		
k_MinKeRngLmt_VpRadpS_f32	0.0359999985		
k_MinRRngLmt_Ohm_f32	0.0350000001		
k_NomRfet_Ohm_f32	0		
k_NomTemp_DegC_f32	84.4889984		
k_SiThermCoeff_OhmpDegC_f32	0.000579999993		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	17.5039997		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	145.994995		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	74.4550018		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0500000007		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0680000037		
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32$	tgt_CurrParamComp_Per2_CuTempEst_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_Degr	C_f32	
tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	tgt_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
EstKeFF_VpRadpS_M_f32	0.032999998	0.032999998	~
EstRFF_Ohm_M_f32	0.0680000037	0.0680000037	~

T				✓
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	-0.000199999995
k_MaxKeRngLmt_VpRadpS_f32	0.0340000018
k_MaxRRngLmt_Ohm_f32	0.0599999987
k_MinKeRngLmt_VpRadpS_f32	0.0370000005
k_MinRRngLmt_Ohm_f32	0.0390000008
k_NomRfet_Ohm_f32	0.0189999994
k_NomTemp_DegC_f32	88.2610016
k_SiThermCoeff_OhmpDegC_f32	0.000679999997
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	18.4740009
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	-49.3250008
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	77.8099976
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.029999993
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	•

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

Test Step 2.50 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp		
k_CuThermCoeff_OhmpDegC_f32	0.000769099977		
k_MagThrC_VpRadpSpDegC_f32	0.000199999995		
k_MaxKeRngLmt_VpRadpS_f32	0.0350000001		
k_MaxRRngLmt_Ohm_f32	0.0309999995		
k_MinKeRngLmt_VpRadpS_f32	0.0379999988		
k_MinRRngLmt_Ohm_f32	0.0430000015		
k_NomRfet_Ohm_f32	0.0199999996		
k_NomTemp_DegC_f32	92.0329971		
k_SiThermCoeff_OhmpDegC_f32	0.000360000005		
tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value	19.4440002		
tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value	-41.3580017		
tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value	81.1650009		
tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0250000004		
tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.00499999989		
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32$	tgt_CurrParamComp_Per2_CuTempEst_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	0.0379999988	0.0379999988	~
EstRFF_Ohm_M_f32	0.0430000015	0.0430000015	~

T				✓
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	✓

T				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 2.52 (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	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	0.0370000005	0.0370000005	~
EstRFF_Ohm_M_f32	0.0390000008	0.0390000008	~

Т				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per2_CP0_CheckpointReached	1	~
Rte Call CurrParamComp Per2 CP1 CheckpointReached	1	Rte Call CurrParamComp Per2 CP1 CheckpointReached	1	✓

Test Step 2.53 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp		
k_CuThermCoeff_OhmpDegC_f32	0.000471000007		
k_MagThrC_VpRadpSpDegC_f32	-0.00120000006		
k_MaxKeRngLmt_VpRadpS_f32	0.0379999988		
k_MaxRRngLmt_Ohm_f32	0.0430000015		
k_MinKeRngLmt_VpRadpS_f32	0.0410000011		
k_MinRRngLmt_Ohm_f32	0.0549999997		
k_NomRfet_Ohm_f32	0.0109999999		
k_NomTemp_DegC_f32	103.348999		
k_SiThermCoeff_OhmpDegC_f32	0.00093999998		
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	~



T				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 2.54 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp	gt_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	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		
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f3222222222222222222222222222222222222$	tgt_CurrParamComp_Per2_CuTempEst_Do	egC_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f	32 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	0.0390000008	0.0390000008	~
EstRFF_Ohm_M_f32	0.0469999984	0.0469999984	•

T				✓
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	0.0099999978		
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	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_Degr	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	~

Τ				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	~

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SCom_EOLNomMtrParam_Set

Project MtrCtrl_CM_SF99B

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_SF99B
Configuration File	D:\Synergy_Work_Area\MtrCtrl_CM_SF99B\UnitTestEnv\config\TMS570_GCC_UDE_CCS4_Config.xml
Target Environment	TI TMS 570 PLS UDE (Default)
Kind of Test	Unit Test
Linker Options	
Source File(s)	
File	\$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -D_inline= -Dconst= -I\$(PROJECTROOT)\MtrCtrl_CM\utp\contract -I\$(PROJECTROOT)\NxtrLib\include -I\$ (PROJECTROOT)\MtrCtrl_CM\utp\contract\Ap_CurrParamComp -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\MtrCtrl_CM \include -I\$(Compiler Install Path)\include
File	\$(PROJECTROOT)\MtrCtrl_CM\src\Ap_CurrParamComp.c
Compiler Options	-D_DATA_ACCESS= -D_inline= -Dconst= -I\$(PROJECTROOT)\MtrCtrl_CM\utp\contract -I\$(PROJECTROOT)\NxtrLib\include -I\$ (PROJECTROOT)\MtrCtrl_CM\utp\contract\Ap_CurrParamComp -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\MtrCtrl_CM \include -I\$(Compiler Install Path)\include

Name	Text
Module 'CurrParamComp'	**************************************
	Name of Tester:Komal Sharma Code File(s) Under Test:Ap_CurrParamComp.c Code File(s) Version:12 Module Design Document:CurrParamComp_MDD.docx Module Design Document:CurrParamComp_MDD.docx Module Design Document Version:7 Data Dictionary Version:15 Unit Test Plan Version:5 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 FAM Used (Bytes):52 Total CALS Used (Bytes):2865 Special Test Requirements:NA Test Date:9/15/2016 Comments:"Note 1: Inline functions declared in Globalmacro.h are not Unit Tested. Note 2:""""CBD_Sandbox_dbg.map"""" map file is embedded for reference. Note 3: In Function ""CurrParamComp_Per2"", to cover the ""Limit_m"" condition ""(NomKe_VpRadpS_T_f32) <= (0.01))==>TRUE"" at SRC line number 419, Variable ""NomKe_VpRadpS_f32"" is given out of range value as '0.01' over the DD range as [0.025, 0.075] in Metrics test vector number '2'."

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.tpl
Target Install Path	\$(ProgramFiles)\pls\UDE 4.4

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SCom_EOLNomMtrParam_Set



Attributes	
Name	Value
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
Timer Unit	Cycles
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\MtrCtrl_CM_SF99B\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP



SCom_EOLNomMtrParam_Set

Test Case 1: Boundary Test

Specification

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

CPU Cycles:

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

Description Vector Description

TS1.1 NomKe_VpRadpS_f32 min TS1.2 NomKe_VpRadpS_f32 max TS1.3 NomKe_VpRadpS_f32 pos TS1.4 NomRmtr_Ohm_f32 min TS1.5 NomRmtr_Ohm_f32 max TS1.6 NomRmtr_Ohm_f32 pos TS1.7 All min

TS1.8 All max

Test Step 1.1 (Repeat Count = 1)			
Name	Input Value		
NomKe_VpRadpS_f32	0.0250000004		
NomRmtr_Ohm_f32	0.0729999989		
Rte_Inst_Ap_CurrParamComp	target_Rte_Inst_Ap_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	0.0729999989	0.072999989	✓

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

Test Step 1.2 (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	am	
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	✓

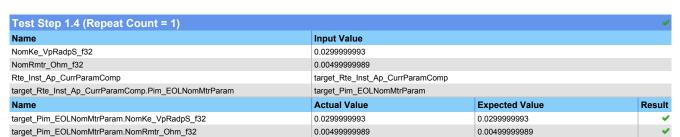
T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CurrParamComp_EOLNomMtrParamBlk_WriteBlock	1	Rte_Call_Ap_CurrParamComp_EOLNomMtrParamBlk_WriteBlock	1	~

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_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	0.050000007	0.050000007	✓
target Pim EOLNomMtrParam.NomRmtr Ohm f32	0.0960000008	0.0960000008	✓

T					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_CurrParamComp_EOLNomMtrParamBlk_WriteBlock	1	Rte_Call_Ap_CurrParamComp_EOLNomMtrParamBlk_WriteBlock	1	~	

SCom_EOLNomMtrParam_Set





T					
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	ım	
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	~

T					
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	✓

T				✓
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	0.00499999989	
Rte_Inst_Ap_CurrParamComp	target_Rte_Inst_Ap_CurrParamComp		
target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam	target_Pim_EOLNomMtrParam		
Name	Actual Value	Expected Value	Result
target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32	0.0250000004	0.0250000004	~
target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32	0.0049999989	0.0049999989	✓

T .				✓
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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SCom_EOLNomMtrParam_Set

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

Т				
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_Per1

 Project
 MtrCtrl_CM_SF99B

 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_SF99B
Configuration File	D:\Synergy_Work_Area\MtrCtrl_CM_SF99B\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\underlinclude -I\$(Captaine Installe Path\underlinclude -I\underlinclude

Name	Text
Module 'CurrParamComp'	**************************************
	Name of Tester:Komal Sharma
	Code File(s) Under Test:Ap_CurrParamComp.c
	Code File(s) Version:12
	Module Design Document:CurrParamComp_MDD.docx Module Design Document Version:7
	Notate Design Described Version: 7 Data Dictionary Version: 15
	Unit Test Plan Version:5
	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):2865
	Special Test Requirements:NA
	Test Date:9/15/2016
	Comments: "Note 1: Inline functions declared in Globalmacro.h are not Unit Tested.
	Note 2:"""CBD_Sandbox_dbg.map""" map file is embedded for reference.
	Note 3: In Function ""CurrParamComp_Per2"", to cover the ""Limit_m"" condition ""(NomKe_VpRadpS_T_f32) <= (0.01))==>TRUE"" at SRC lin number 419, Variable ""NomKe_VpRadpS_f32"" is given out of range value as '0.01' over the DD range as [0.025, 0.075] in Metrics test vector number '2'."

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	

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Attributes		
Name	Value	
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src	
Linker File	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd</pre>	
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl	
Target Install Path	\$(ProgramFiles)\pls\UDE 4.4	
Timer Enabled	false	
Timer Prescale	0	
Timer Resolution		
Timer Unit	Cycles	
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg	
Workspace File	D:\Synergy_Work_Area\MtrCtrl_CM_SF99B\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"

Name	Input Value
EstKeFF VpRadpS M f32	0.075000003
EstRFF_Ohm_M_f32	0.125650004
FastDataAccessBufIndex Cnt M u16	1
VtrEstKe_VpRadpS_M_f32[0]	0.075000003
	0.075000003
MtrEstKe_VpRadpS_M_f32[1]	
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp 0.075000003
(_MaxKeRngLmt_VpRadpS_f32	0.0041000008
C_MaxLdRngLmt_Henry_f32	0.000410000008
<_MaxLqRngLmt_Henry_f32MaxDRnglmt_Henry_f32	
<pre><_MaxRRngLmt_Ohm_f32</pre>	0.125650004
«_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[4][0]	32768
2_CurrParamLdSatSclFac_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_CurrParamLdSatSciFac_Ois_u2p14[4][5] 2 CurrParamLdSatSciFac Uls u2p14[4][6]	32768
	32768
2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	32768
2_CurrParamLdSatSclFac_Uls_u2p14[5][1] 2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	32768

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Name	Input Value
t_KeSatTblX_Amp_u9p7[14]	28160
t_KeSatTblX_Amp_u9p7[15]	28160
t_KeSatTblY_Uls_u2p14[0]	32768
t_KeSatTblY_Uls_u2p14[1]	32768
t_KeSatTblY_Uls_u2p14[2]	32768
t_KeSatTblY_Uls_u2p14[3]	32768
t_KeSatTblY_Uls_u2p14[4]	32768
t_KeSatTblY_Uls_u2p14[5]	32768
t_KeSatTblY_Uls_u2p14[6]	32768
t_KeSatTblY_Uls_u2p14[7]	32768
t_KeSatTblY_Uls_u2p14[8]	32768
t_KeSatTblY_Uls_u2p14[9]	32768
t_KeSatTblY_Uls_u2p14[10]	32768
t_KeSatTblY_Uls_u2p14[11]	32768
t_KeSatTblY_Uls_u2p14[12]	32768
t_KeSatTblY_Uls_u2p14[13]	32768
t_KeSatTblY_Uls_u2p14[14]	32768
t_KeSatTblY_Uls_u2p14[15]	32768
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	220
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	220
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32
tgt Rte Inst Ap CurrParamComp.CurrParamComp Per1 MtrCurrDaxRef Amp 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 Page 1

95 HT HE FILTH HENT HENT HENT HENT HENT HENT HENT HE				
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	-	

T				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_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_KeSatTbIX_Amp_u9p7[11]	16640
t_KeSatTbIX_Amp_u9p7[12]	17920
t_KeSatTbIX_Amp_u9p7[13]	19200
t_KeSatTbIX_Amp_u9p7[14]	20480
t_KeSatTbIX_Amp_u9p7[15]	21760
t_KeSatTbIY_Uls_u2p14[0]	4096
t_KeSatTblY_Uls_u2p14[1]	5734
t_KeSatTblY_Uls_u2p14[2]	7373
t_KeSatTbIY_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
t_KeSatTblY_Uls_u2p14[11]	14439
t_KeSatTblY_Uls_u2p14[12] t_KeSatTblY_Uls_u2p14[13]	6554
t_KeSatTblY_Uls_u2p14[14] t KeSatTblY_Uls_u2p14[15]	14606
	16244
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	19.3547993
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	16.368
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3:	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3:	
Name	Actual Value Expectc

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
TS2.5 1860.00 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
TS2.11 1953.00 Cycles
TS2.12 1953.00 Cycles
TS2.13 1909.00 Cycles
TS2.13 1909.00 Cycles
TS2.14 1858.00 Cycles
TS2.15 1922.00 Cycles
TS2.16 1952.00 Cycles
TS2.17 1943.00 Cycles
TS2.18 1970.00 Cycles
TS2.19 2101.00 Cycles
TS2.19 2101.00 Cycles
TS2.21 1973.00 Cycles
TS2.21 1973.00 Cycles
TS2.22 19910.00 Cycles
TS2.23 1967.00 Cycles
TS2.24 1942.00 Cycles
TS2.25 1993.00 Cycles
TS2.26 1939.00 Cycles
TS2.27 2018.00 Cycles
TS2.28 1939.00 Cycles
TS2.29 1929.00 Cycles
TS2.29 1929.00 Cycles
TS2.23 1967.00 Cycles
TS2.23 1950.00 Cycles
TS2.23 1950.00 Cycles
TS2.23 1970.00 Cycles
TS2.23 1995.00 Cycles
TS2.31 1950.00 Cycles
TS2.33 1990.00 Cycles
TS2.34 1979.00 Cycles
TS2.33 1990.00 Cycles
TS2.34 1979.00 Cycles
TS2.35 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 1957.00 Cycles
TS2.43 1999.00 Cycles
TS2.44 2069.00 Cycles
TS2.45 1948.00 Cycles
TS2.49 1974.00 Cycles
TS2.49 1974.00 Cycles
TS2.49 1974.00 Cycles
TS2.55 1999.00 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
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TS2.57 1955.00 Cycles
TS2.56 199





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_i32 neg
TS2.13t_KeSatTbIX_Amp_u9p7[16] min
TS2.14t_KeSatTbIX_Amp_u9p7[16] max
TS2.15t_KeSatTbIX_Amp_u9p7[16] pos
TS2.16t_KeSatTbIY_UIs_u2p14[16] min
TS2.17t_KeSatTbIY_UIs_u2p14[16] max
TS2.18t_KeSatTbIY_UIs_u2p14[16] max
TS2.18t_KeSatTbIY_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_f32 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	2.9999992e-005
k_MaxLqRngLmt_Henry_f32	2.9999992e-005
k_MaxRRngLmt_Ohm_f32	0.0049999989
k_MinKeRngLmt_VpRadpS_f32	0.0250000004
k_MinLdRngLmt_Henry_f32	2.9999992e-005
k_MinLqRngLmt_Henry_f32	2.9999992e-005
k_MinRRngLmt_Ohm_f32	0.0049999989
k_NomLd_Henry_f32	2.9999992e-005
k_NomLq_Henry_f32	2.9999992e-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_Uis_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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CurrParamComp_Per1

·-			
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 -220		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32		2 122	
	tgt_CurrParamComp_Per1_EstKe_VpRadpS	_	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f3: tgt_CurrParamComp_Per1_EstLq_Henry_f3:		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	·- ·- ·-	2	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32	Amn f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3			
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3			
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	2.9999992e-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	0.00499999989	0.00499999989	

0.00499999989

0.00499999989

tgt_CurrParamComp_Per1_EstR_Ohm_f32.value





Т				✓
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)	<u> </u>
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.075000003
EstRFF_Ohm_M_f32	0.125650004
FastDataAccessBufIndex_Cnt_M_u16	1
MtrEstKe_VpRadpS_M_f32[0]	0.075000003
MtrEstKe_VpRadpS_M_f32[1]	0.075000003
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.075000003
k_MaxLdRngLmt_Henry_f32	0.000410000008
k_MaxLqRngLmt_Henry_f32	0.000410000008
k_MaxRRngLmt_Ohm_f32	0.125650004
k_MinKeRngLmt_VpRadpS_f32	0.075000003
k_MinLdRngLmt_Henry_f32	0.000410000008
k_MinLqRngLmt_Henry_f32	0.000410000008
k_MinRRngLmt_Ohm_f32	0.125650004
k_NomLd_Henry_f32	0.000410000008
k_NomLq_Henry_f32	0.000410000008
t2_CurrParamLdSatScIFac_UIs_u2p14[0][0]	32768
t2_CurrParamLdSatScIFac_UIs_u2p14[0][1]	32768
t2_CurrParamLdSatSclFac_Uls_u2p14[0][2]	32768
t2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	32768
t2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	32768
t2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	32768
t2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	32768
t2_CurrParamLdSatSclFac_UIs_u2p14[1][0]	32768
t2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	32768
t2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	32768
t2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	32768
t2_CurrParamLdSatSclFac_UIs_u2p14[1][4]	32768
t2_CurrParamLdSatSclFac_UIs_u2p14[1][5]	32768
t2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	32768
t2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	32768
t2_CurrParamLdSatSclFac_Uls_u2p14[2][1] t2_CurrParamLdSatSclFac_Uls_u2p14[2][2]	32768 32768
t2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	32768
	32768
t2_CurrParamLdSatSclFac_Uls_u2p14[2][4] t2_CurrParamLdSatSclFac_Uls_u2p14[2][5]	32768
	32768
t2_CurrParamLdSatSclFac_Uls_u2p14[2][6] t2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	32768
t2_CurrParamLdSatScIFac_UIs_u2p14[3][1]	32768
t2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	32768
t2_CurrParamLdSatSclFac_Uls_u2p14[3][3]	32768
t2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	32768
t2_CurrParamLdSatSciFac_Uls_u2p14[3][5]	32768
t2_CurrParamLdSatScIFac_UIs_u2p14[3][6]	32768
t2 CurrParamLdSatSciFac Uls u2p14[4][0]	32768
t2 CurrParamLdSatSciFac Uls u2p14[4][1]	32768
t2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	32768
t2 CurrParamLdSatScIFac UIs u2p14[4][3]	32768
t2 CurrParamLdSatScIFac UIs u2p14[4][4]	32768
t2 CurrParamLdSatScIFac UIs u2p14[4][5]	32768
t2 CurrParamLdSatScIFac Uls u2p14[4][6]	32768
t2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	32768
t2_CurrParamLdSatSclFac_Uls_u2p14[5][1]	32768
t2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	32768
t2_CurrParamLdSatSclFac_Uls_u2p14[5][3]	32768
t2_CurrParamLdSatSclFac_Uls_u2p14[5][4]	32768
t2_CurrParamLdSatSclFac_Uls_u2p14[5][5]	32768
t2_CurrParamLdSatSclFac_Uls_u2p14[5][6]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[0][1]	32768
t2_CurrParamLqSatSclFac_Uls_u2p14[0][2]	32768
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CurreramComp_Peri		TIMU
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	
t2_CurrParamLqSatSclFac_Uls_u2p14[1][5]	32768	
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	
	32768	
t2_CurrParamLqSatSclFac_Uls_u2p14[4][6]		
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	
t_CurrParamCompQaxRef_Amp_u9p7[0]	28160	
t_CurrParamCompQaxRef_Amp_u9p7[1]	28160	
t_CurrParamCompQaxRef_Amp_u9p7[2]	28160	
	28160	
t_CurrParamCompQaxRef_Amp_u9p7[3]		
t_CurrParamCompQaxRef_Amp_u9p7[4]	28160	
t_CurrParamCompQaxRef_Amp_u9p7[5]	28160	
t_CurrParamCompQaxRef_Amp_u9p7[6]	28160	
t_KeSatTblX_Amp_u9p7[0]	28160	
t_KeSatTblX_Amp_u9p7[1]	28160	
t_KeSatTblX_Amp_u9p7[2]	28160	
t_KeSatTblX_Amp_u9p7[3]	28160	
t_KeSatTblX_Amp_u9p7[4]	28160	
t_KeSatTblX_Amp_u9p7[5]	28160	
t_KeSatTblX_Amp_u9p7[6]	28160	
t_KeSatTblX_Amp_u9p7[7]	28160	
t_KeSatTblX_Amp_u9p7[8]	28160	
t_KeSatTblX_Amp_u9p7[9]	28160	
t_KeSatTblX_Amp_u9p7[10]	28160	
t_KeSatTblX_Amp_u9p7[11]	28160	
t_KeSatTblX_Amp_u9p7[11]	28160	
t_KeSatTblX_Amp_u9p7[13]	28160	
t_KeSatTblX_Amp_u9p7[14]	28160	
t_KeSatTblX_Amp_u9p7[15]	28160	
t_KeSatTblY_Uls_u2p14[0]	32768	
t_KeSatTblY_Uls_u2p14[1]	32768	
t_KeSatTblY_Uls_u2p14[2]	32768	
t_KeSatTblY_Uls_u2p14[3]	32768	
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Name	Input Value		
t_KeSatTblY_Uls_u2p14[5]	32768		
t_KeSatTblY_Uls_u2p14[6]	32768		
t_KeSatTblY_Uls_u2p14[7]	32768		
t_KeSatTblY_Uls_u2p14[8]	32768		
t_KeSatTblY_Uls_u2p14[9]	32768		
t_KeSatTblY_Uls_u2p14[10]	32768		
t_KeSatTblY_Uls_u2p14[11]	32768		
t_KeSatTblY_Uls_u2p14[12]	32768		
t_KeSatTblY_Uls_u2p14[13]	32768		
t_KeSatTblY_Uls_u2p14[14]	32768		
t_KeSatTblY_Uls_u2p14[15]	32768		
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	220		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	220		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS	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]	0.075000003	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	✓

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

Test Step 2.3 (Repeat Count = 1)	
Name	Input Value
EstKeFF VpRadpS M f32	0.0260000005
EstRFF Ohm M f32	0.00634500012
FastDataAccessBufIndex Cnt M u16	0
MtrEstKe_VpRadpS_M_f32[0]	0.0260000005
MtrEstKe_VpRadpS_M_f32[1]	0.0270000007
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0309999995
k_MaxLdRngLmt_Henry_f32	5.9999985e-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 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]	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	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		Amp f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_			
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]	0.0260000005	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	~	

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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	

CurrParamComp_Per1

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Curraramcomp_reri	
Name	Input Value
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0320000015
k_MaxLdRngLmt_Henry_f32	7.00000019e-005
k_MaxLqRngLmt_Henry_f32	4.99999987e-005
k_MaxRRngLmt_Ohm_f32	0.00700000022
k_MinKeRngLmt_VpRadpS_f32	0.0719999969
k_MinLdRngLmt_Henry_f32	4.9999987e-005
k_MinLqRngLmt_Henry_f32	0.000110000001
k_MinRRngLmt_Ohm_f32	0.0099999978
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_CurrParamLdSatScIFac_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_CurrParamLdSatScIFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatScIFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatScIFac_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
2_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
12_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_CurrParamLqSatSciFac_Uls_u2p14[1][5]	21299
	22938
t2_CurrParamLqSatSclFac_Uls_u2p14[1][6]	
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
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_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_f3:	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]	0.0719999969	0.0719999969	~
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0719999969	0.0719999969	~
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	4.9999987e-005	4.99999987e-005 ± 0.00000000009	~
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	4.9999987e-005	4.99999987e-005 ± 0.0625	~
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.00700000022	0.00700000022	~

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

Test Step 2.5 (Repeat Count = 1)	
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0280000009
EstRFF_Ohm_M_f32	0.00866552256
FastDataAccessBufIndex_Cnt_M_u16	0
MtrEstKe_VpRadpS_M_f32[0]	0.029999993
MtrEstKe_VpRadpS_M_f32[1]	0.0309999995
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0329999998
k_MaxLdRngLmt_Henry_f32	7.999998e-005
k_MaxLqRngLmt_Henry_f32	5.9999985e-005
k_MaxRRngLmt_Ohm_f32	0.00800000038
k_MinKeRngLmt_VpRadpS_f32	0.0729999989
k_MinLdRngLmt_Henry_f32	5.99999985e-005
k_MinLqRngLmt_Henry_f32	0.000119999997
k_MinRRngLmt_Ohm_f32	0.0109999999
k_NomLd_Henry_f32	5.9999985e-005
k_NomLq_Henry_f32	0.000119999997
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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CurrParamComp_	_Per

CurrParamComp_Per1		TAZOI(AL
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 6554	
t2_CurrParamLqSatScIFac_Uls_u2p14[0][3] t2 CurrParamLqSatScIFac Uls u2p14[0][4]	8192	
t2_CurrParamLqSatSciFac_Uls_u2p14[0][4]	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	
2_CurrParamLqSatSclFac_Uls_u2p14[1][4]	19661	
t2_CurrParamLqSatSclFac_Uls_u2p14[1][5]	21299	
2_CurrParamLqSatSclFac_Uls_u2p14[1][6]	22938	
12_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 29491	
t2_CurrParamLqSatSclFac_Uls_u2p14[3][5] t2_CurrParamLqSatSclFac_Uls_u2p14[3][6]	31130	
t2_CurrParamLqSatSciFac_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	
CurrParamCompDaxRef_Amp_u9p7[2]	11520	
:_CurrParamCompDaxRef_Amp_u9p7[3]	12800	
:_CurrParamCompDaxRef_Amp_u9p7[4] :_CurrParamCompDaxRef_Amp_u9p7[5]	14080 15360	
t_CurrParamCompDaxRet_Amp_u9p7[5] t_CurrParamCompQaxRef_Amp_u9p7[0]	24320	
t_CurrParamCompQaxRef_Amp_u9p7[u] t_CurrParamCompQaxRef_Amp_u9p7[1]	25600	
currParamCompQaxRei_Amp_u9p7[1] :_CurrParamCompQaxRef_Amp_u9p7[2]	26880	
:_CurrParamCompQaxRef_Amp_u9p7[2]	27008	
CurrParamCompQaxRef_Amp_u9p7[4]	27136	
:_CurrParamCompQaxRef_Amp_u9p7[5]	16000	
_CurrParamCompQaxRef_Amp_u9p7[6]	17280	
	640	
t_KeSatTblX_Amp_u9p7[1]	1920	
t_KeSatTblX_Amp_u9p7[2]	3200	
t_KeSatTblX_Amp_u9p7[3]	4480	
t_KeSatTblX_Amp_u9p7[4]	5760	
t_KeSatTblX_Amp_u9p7[5]	7040	
t_KeSatTblX_Amp_u9p7[6]	8320	
t_KeSatTblX_Amp_u9p7[7]	9600	
t_KeSatTblX_Amp_u9p7[8]	10880	
t_KeSatTblX_Amp_u9p7[9]	12160	

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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	~

T	T T			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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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 CurrParamLqSatScIFac 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

		I		
2	Name	Input Value		
ConfriencemOmplaneM. April 1980				
ContributionComplexed Amp. Mar7[17] 17200 17				
Coursian Companient Amp Mo1701 2069				
CourseamCompDate(A Area (18670) 20040 20				
CourPain CompStan Ext. MonPT0 2094 2094 2094 2094 2094 2094 2094 2094 2094 2094 2094 2095 2094 2095 2094 2095 2				
LouriParamoCongOaxifet Ann. μ(ph/TI) 2904 1200 120				
Course C				
CoursemanCompCostRet_Amn_u6p7[17] 5800				
CUMPananCongoaftef Ang. 1967 5 5120				
LOUR-ParamCompOasRel Amp. 196716 6400				
CourParamComposite R				
LoweFaminComposited Amp_u6p7[6] 5690				
LeceartDix Amp_usp710		8960		
LikeSaTDA May 1,96772 KeSaTDA May 1,96774 KeSaTDA May 1,96774 KeSaTDA May 1,96774 KeSaTDA May 1,96774 KeSaTDA May 1,96776 KeSaTDA May 1,9677		1280		
KeSaTDX Amp_u6p7[4]	t_KeSatTblX_Amp_u9p7[1]	2560		
LeSasTabX_Amp_usp7[4]	t_KeSatTblX_Amp_u9p7[2]	3840		
KeSaTDX Amp_u6p7[6]	t_KeSatTblX_Amp_u9p7[3]	5120		
KeSaITDK Amp_u9p7[6] 8890	t_KeSatTblX_Amp_u9p7[4]			
LeSaTIDIX Amp_u9p7[7] 10240 1025	t_KeSatTblX_Amp_u9p7[5]	7680		
KeSaTIDY_UB_u2p14[9]	t_KeSatTblX_Amp_u9p7[6]			
LKeSaTDIX Amp_u8p7[10]				
KeSaITDX Amp_u9p7[11] 15360				
LKeSaTDX, Amp_u9p7[12] 16640 17920 179				
LKeSatTbX_Amp_u9p7[13]				
LKeSaTDW, Amp_u9p7[14]				
LKeSaTIDX_Amp_u9p7[15]				
LKeSaTIDY_UIs_u2p14[0]				
LKeSatTbY_Uls_u2p14[1]				
LKeSatTDY_Uls_u2p14[2] 2294 LKeSatTDY_Uls_u2p14[3] 1802 LKeSatTDY_Uls_u2p14[4] 2621				
t_KesaffbM_Uis_uzp14[3]				
t_kesaffbry_Uis_u2p14[4]		1802		
t_KeSatTbir_Uls_u2p14[6] 3277 t_KeSatTbir_Uls_u2p14[8] 2458 t_KeSatTbir_Uls_u2p14[9] 6554 t_KeSatTbir_Uls_u2p14[10] 1638 t_KeSatTbir_Uls_u2p14[11] 8192 t_KeSatTbir_Uls_u2p14[12] 9830 t_KeSatTbir_Uls_u2p14[13] 11469 t_KeSatTbir_Uls_u2p14[14] 13107 t_KeSatTbir_Uls_u2p14[15] 14746 t_KeSatTbir_Uls_u2p14[15] 14746 t_KeSatTbir_Uls_u2p14[15] 14746 t_KeSatTbir_Uls_u2p14[15] 14746 t_KeSatTbir_Uls_u2p14[15] 14746 t_LCurrParamComp_Perl_MtrCurrQaxRef_Amp_f32_value 100.25 tgt_CurrParamComp_Perl_MtrCurrQaxRef_Amp_f32_value 100.25 tgt_Rel_Inst_Ap_CurrParamComp_CurrParamComp_Perl_Estt_Henry_f32 tgt_CurrParamComp_Perl_Estt_Henry_f32 tgt_CurrParamComp_Perl_Estt_Henry_f32 tgt_Rel_Inst_Ap_CurrParamComp_CurrParamComp_Perl_Estt_Nenry_f32 tgt_CurrParamComp_Perl_Estt_Henry_f32 tgt_CurrParamComp_Perl_Estt_Henry_f32 tgt_Rel_Inst_Ap_CurrParamComp_CurrParamComp_Perl_MtrCurrQaxRef_Amp_f32 tgt_CurrParamComp_Perl_MtrCurrQaxRef_Amp_f32 tgt_Rel_Inst_Ap_CurrParamComp_CurrParamComp_Perl_MtrCurrQaxRef_Amp_f32 tgt_CurrParamComp_Perl_MtrCur		2621		
t_KeSatTblY_Uls_u2p14[7]	t_KeSatTblY_Uls_u2p14[5]	2785		
t_KeSatTblY_Uls_u2p14[8]	t_KeSatTblY_Uls_u2p14[6]	3277		
t_KeSatTblY_Uls_u2p14[19]	t_KeSatTblY_Uls_u2p14[7]	4915		
t_KeSatTblY_Uls_u2p14[10] 1638 t_KeSatTblY_Uls_u2p14[11] 8192 t_KeSatTblY_Uls_u2p14[12] 9830 t_KeSatTblY_Uls_u2p14[13] 11469 t_KeSatTblY_Uls_u2p14[14] 13107 t_KeSatTblY_Uls_u2p14[15] 14746 tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value 13.109997 tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value 100.25 tgt_Rte_Inst_Ap_CurrParamComp_CurrParamComp_Per1_EstKe_VpRadpS_f32 tgt_Rte_Inst_Ap_CurrParamComp_Per1_EstLd_Henry_f32 tgt_Rte_Inst_Ap_CurrParamComp_Per1_EstLd_Henry_f32 tgt_Rte_Inst_Ap_CurrParamComp_CurrParamComp_Per1_EstLd_Henry_f32 tgt_Rte_Inst_Ap_CurrParamComp_CurrParamComp_Per1_EstRe_VpRadpS_f32 tgt_Rte_Inst_Ap_CurrParamComp_CurrParamComp_Per1_EstRe_Otm_f32 tgt_Rte_Inst_Ap_CurrParamComp_CurrParamComp_Per1_EstRe_Otm_f32 tgt_Rte_Inst_Ap_CurrParamComp_CurrParamComp_Per1_EstRe_Otm_f32 tgt_Rte_Inst_Ap_CurrParamComp_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f33 tgt_Rte_Inst_Ap_CurrParamComp_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f33 tgt_Rte_Inst_Ap_CurrParamComp_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32 tgt_	t_KeSatTblY_Uls_u2p14[8]	2458		
t_KeSatTblY_Uls_u2p14[11] 8192 t_KeSatTblY_Uls_u2p14[12] 9830 t_KeSatTblY_Uls_u2p14[13] 11469 t_KeSatTblY_Uls_u2p14[14] 13107 t_KeSatTblY_Uls_u2p14[15] 14746 tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value 13.1099997 tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value 100.25 tgt_Rte_Inst_Ap_CurrParamComp_CurrParamComp_Per1_EstKe_VPRadpS_f32 tgt_Rte_Inst_Ap_CurrParamComp_Der1_EstLd_Henry_f32 tgt_Rte_Inst_Ap_CurrParamComp_CurrParamComp_Per1_EstR_Ohm_f32 tgt_Rte_Inst_Ap_CurrParamComp_Per1_EstR_Ohm_f32 tgt_Rte_Inst_Ap_CurrParamComp_Per1_EstR_Ohm_f32 tgt_Rte_Inst_Ap_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f33 tgt_Rte_Inst_Ap_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f33 tgt_Rte_Inst_Ap_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f33 tgt_Rte_Inst_Ap_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f33 tgt_Rte_Inst_Ap_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f33 tgt_Rte_Inst_Ap_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f33 tgt_Rte_Inst_Ap_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f34 tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f35 tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f36 tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f36 tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f36 tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f37 tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f38 tgt_Cu	t_KeSatTblY_Uls_u2p14[9]	6554		
t_KeSatTbIY_Uls_u2p14[12] 9830 t_KeSatTbIY_Uls_u2p14[13] 11469 t_KeSatTbIY_Uls_u2p14[14] 13107 t_KeSatTbIY_Uls_u2p14[15] 14746 tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value 100.25 tgt_Rte_Inst_Ap_CurrParamComp_CurrParamComp_Per1_EstLd_Henry_f32 tgt_Rte_Inst_Ap_CurrParamComp_Per1_EstLd_Henry_f32 tgt_Rte_Inst_Ap_CurrParamComp_Per1_EstLd_Henry_f32 tgt_Rte_Inst_Ap_CurrParamComp_Per1_EstLd_Henry_f32 tgt_Rte_Inst_Ap_CurrParamComp_Per1_EstLd_Henry_f32 tgt_Rte_Inst_Ap_CurrParamComp_Per1_EstLd_Henry_f32 tgt_Rte_Inst_Ap_CurrParamComp_Per1_EstLd_Henry_f32 tgt_Rte_Inst_Ap_CurrParamComp_Per1_EstLd_Henry_f32 tgt_Rte_Inst_Ap_CurrParamComp_Per1_EstR_Ohm_f32 tgt_Rte_Inst_Ap_CurrParamComp_Per1_EstR_Ohm_f32 tgt_CurrParamComp_Per1_EstR_Ohm_f32 tgt_CurrParamComp_Per1_EstR_Ohm_f32 tgt_CurrParamComp_Per1_IntrCurrDaxRef_Amp_f33 tgt_CurrParamComp_Per1_IntrCurrDaxRef_Amp_f33 tgt_CurrParamComp_Per1_IntrCurrQaxRef_Amp_f33 tgt_CurrParamComp_Per1_IntrCurrQaxRef_Amp_f34 tgt_CurrParamComp_Per1_IntrCurrQaxRef_Amp_f35 tgt_CurrParamComp_Per1_IntrCurrQaxRef_Amp_f36 tgt_CurrParamComp_Per1_I				
t_KeSatTblY_Uls_u2p14[13]				
t_KeSatTbIY_Uls_u2p14[14] 13107 t_KeSatTbIY_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_Rte_Inst_Ap_CurrParamComp_CurrParamComp_Per1_EstLd_Henry_f32 tgt_Rte_Inst_Ap_CurrParamComp_CurrParamComp_Per1_EstLd_Henry_f32 tgt_Rte_Inst_Ap_CurrParamComp_CurrParamComp_Per1_EstLd_Henry_f32 tgt_Rte_Inst_Ap_CurrParamComp_CurrParamComp_Per1_EstLd_Henry_f32 tgt_Rte_Inst_Ap_CurrParamComp_CurrParamComp_Per1_EstLd_Henry_f32 tgt_Rte_Inst_Ap_CurrParamComp_CurrParamComp_Per1_EstR_Ohm_f32 tgt_Rte_Inst_Ap_CurrParamComp_CurrParamComp_Per1_EstR_Ohm_f32 tgt_Rte_Inst_Ap_CurrParamComp_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3: 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_f3: tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32 tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32 Name Actual Value Expected Value Result fastDataAccessBufindex_Cnt_M_u16 1 0.0410000011 0.0410000011 0.0410000011 0.074000001 0.074000001 vtgt_CurrParamComp_Per1_EstR_OH000000000000000000000000000000000000				
t_KeSatTbIY_UIs_u2p14[15] 14746 tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value 13.1099997 tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value 100.25 tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32 tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32 tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32 tgt_CurrParamComp_Per1_EstLd_Henry_f32 tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_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_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 tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32 tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32 Name Actual Value Expected Value Result FastDataAccessBufIndex_Cnt_M_u16 1 1 4 MtrEstKe_VpRadpS_M_f32[0] 0.0410000011 0.0410000011 0.074000001 MtrEstKe_VpRadpS_M_f32[1] 0.074000001 0.074000001 0.074000001 tgt_CurrParamComp_Per1_EstLd_Henry_f32.value 0.074000001 0.074000001				
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value 13.1099997 tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value 100.25 tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32 tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32 tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32 tgt_CurrParamComp_Per1_EstLd_Henry_f32 tgt_Rte_Inst_Ap_CurrParamComp_Per1_EstR_Ohm_f32 tgt_CurrParamComp_Per1_EstR_Ohm_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 4 MtrEstKe_VpRadpS_M_f32[0] 0.0410000011 0.0410000011 0.074000001 MtrEstKe_VpRadpS_M_f32[1] 0.074000001 0.074000001 0.074000001 tgt_CurrParamComp_Per1_EstLd_Henry_f32.value 0.074000001 0.074000001 0.074000001 tgt_CurrParamComp_Per1_EstLd_Henry_f32.value 7.00000019e-005 7.00000019e-005 ± 0.0000000000				
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value 100.25 tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32 tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32 tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32 tgt_CurrParamComp_Per1_EstLd_Henry_f32 tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_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 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 1 ✓ MtrEstKe_VpRadpS_M_f32[0] 0.0410000011 0.0410000011 0.074000001 ✓ MtrEstKe_VpRadpS_M_f32[1] 0.074000001 0.074000001 0.074000001 ✓ tgt_CurrParamComp_Per1_EstLd_Henry_f32.value 0.074000001 0.074000001 ✓ tgt_CurrParamComp_Per1_EstLd_Henry_f32.value 7.00000019e-005 7.00000019e-005 ± 0.00000000009 ✓				
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32 tgt_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_CurrParamComp_Per1_EstLd_Henry_f32 tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32 tgt_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_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32 Name Actual Value Expected Value Result FastDataAccessBufIndex_Cnt_M_u16 1 1 4 MtrEstKe_VpRadpS_M_f32[0] 0.0410000011 0.0410000011 0.074000001 MtrEstKe_VpRadpS_M_f32[1] 0.074000001 0.074000001 0.074000001 tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value 0.074000001 0.074000001 0.074000001 tgt_CurrParamComp_Per1_EstLd_Henry_f32.value 7.00000019e-005 7.00000019e-005 ± 0.0000000000 V				
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32 tgt_CurrParamComp_Per1_EstLd_Henry_f32 tgt_CurrParamComp_Per1_EstLd_Henry_f32 tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32 tgt_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_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 Name Actual Value Expected Value Result FastDataAccessBufIndex_Cnt_M_u16 1 1 4 MtrEstKe_VpRadpS_M_f32[0] 0.0410000011 0.0410000011 0.074000001 MtrEstKe_VpRadpS_M_f32[1] 0.074000001 0.074000001 0.074000001 tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value 0.074000001 0.074000001 0.074000001 tgt_CurrParamComp_Per1_EstLd_Henry_f32.value 7.00000019e-005 7.00000019e-005 ± 0.00000000009 V			: f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32 tgt_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_CurrParamComp_Per1_MrCurrDaxRef_Amp_f32 tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MrCurrQaxRef_Amp_f33 tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32 tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32 Name Actual Value Expected Value Result FastDataAccessBufIndex_Cnt_M_u16 1 1		1	_	
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_f33 tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 tgt_Rte_Inst_Ap_CurrParamComp_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f33 tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32 Name Actual Value Expected Value Result FastDataAccessBufIndex_Cnt_M_u16 1 1				
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32 Name Actual Value Expected Value Result FastDataAccessBufIndex_Cnt_M_u16 1 1 4 MtrEstKe_VpRadpS_M_f32[0] 0.0410000011 0.0410000011 0.0410000011 MtrEstKe_VpRadpS_M_f32[1] 0.074000001 0.074000001 0.074000001 tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value 0.074000001 0.074000001 0.074000001 tgt_CurrParamComp_Per1_EstLd_Henry_f32.value 7.00000019e-005 7.00000019e-005 ± 0.00000000009 ✓				
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			Amp f32	
Name Actual Value Expected Value Result FastDataAccessBufIndex_Cnt_M_u16 1 1 1 MtrEstKe_VpRadpS_M_f32[0] 0.0410000011 0.0410000011				
FastDataAccessBufIndex_Cnt_M_u16 1 1 ✓ MtrEstKe_VpRadpS_M_f32[0] 0.0410000011 0.0410000011 ✓ MtrEstKe_VpRadpS_M_f32[1] 0.074000001 0.074000001 ✓ tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value 0.074000001 0.074000001 ✓ tgt_CurrParamComp_Per1_EstLd_Henry_f32.value 7.00000019e-005 7.00000019e-005 ± 0.00000000009 ✓				Result
MtrEstKe_VpRadpS_M_f32[0] 0.0410000011 0.0410000011 ✓ MtrEstKe_VpRadpS_M_f32[1] 0.074000001 0.074000001 ✓ tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value 0.074000001 0.074000001 ✓ tgt_CurrParamComp_Per1_EstLd_Henry_f32.value 7.00000019e-005 7.00000019e-005 ± 0.00000000009 ✓			· ·	~
MtrEstKe_VpRadpS_M_f32[1] 0.074000001 0.074000001 tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value 0.074000001 0.074000001 tgt_CurrParamComp_Per1_EstLd_Henry_f32.value 7.00000019e-005 7.00000019e-005 ± 0.00000000009		0.0410000011	0.0410000011	✓
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value 0.074000001 0.074000001 tgt_CurrParamComp_Per1_EstLd_Henry_f32.value 7.00000019e-005 7.00000019e-005 ± 0.00000000009				~
g		0.074000001	0.074000001	~
tat CurrParamComp Part Fett a Honey (22 value) 7 00000010- 005	tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	7.00000019e-005	7.00000019e-005 ± 0.00000000009	~
QL_Cull Calain Cull Calain Cull Calain Cull Calain	tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	7.00000019e-005	7.00000019e-005 ± 0.0625	~

0.00899999961

0.00899999961

 $tgt_CurrParamComp_Per1_EstR_Ohm_f32.value$





T	T			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 2.7 (Repeat Count = 1)	Imput Value
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.029999993
EstRFF_Ohm_M_f32	0.0123123396
FastDataAccessBufIndex_Cnt_M_u16	0
MtrEstKe_VpRadpS_M_f32[0]	0.0430000015
MtrEstKe_VpRadpS_M_f32[1]	0.0710000023
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
<pre><_MaxKeRngLmt_VpRadpS_f32</pre>	0.0350000001
<pre><_MaxLdRngLmt_Henry_f32</pre>	3.999999e-005
<_MaxLqRngLmt_Henry_f32	7.999998e-005
c_MaxRRngLmt_Ohm_f32	0.0099999978
c_MinKeRngLmt_VpRadpS_f32	0.0540000014
<pre><_MinLdRngLmt_Henry_f32</pre>	7.999998e-005
c_MinLqRngLmt_Henry_f32	0.000140000004
C_MinRRngLmt_Ohm_f32	0.0130000003
<_NomLd_Henry_f32	7.9999998e-005
<_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
2_CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
2_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384
	18022
2_CurrParamLdSatSclFac_Uls_u2p14[1][3]	
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_CurrParamLdSatSciFac_Ois_u2p14[4][5] 2 CurrParamLdSatSciFac Uls u2p14[4][4]	8192
	9830
2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	
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

2016-09-15, 13:28:45+0530



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

tgt_CurrParamComp_Per1_EstLd_Henry_f32.value

tgt_CurrParamComp_Per1_EstLq_Henry_f32.value

tgt_CurrParamComp_Per1_EstR_Ohm_f32.value

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3.999999e-005 ± 0.00000000009

7.9999998e-005 ± 0.0625

0.00999999978

CurrParamComp_Per1	, 10.20.40 10000	Raz	orcat
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	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	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3222222222222222222222222222222222222$	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	•

Т				✓
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	✓

3.999999e-005

7.9999998e-005

0.00999999978

Test Step 2.8 (Repeat Count = 1)	✓
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.030999995
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	9.00000014e-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	9.00000014e-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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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
z_currParamLqSatSclFac_Uis_u2p14[4][0] 2_CurrParamLqSatSclFac_Uis_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]	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
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3222222222222222222222222222222222222$	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 Beguit

9			
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	4.9999987e-005	4.9999987e-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	~

T				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 2.9 (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
<pre><_MaxKeRngLmt_VpRadpS_f32</pre>	0.0370000005
<pre><_MaxLdRngLmt_Henry_f32</pre>	5.9999985e-005
_MaxLqRngLmt_Henry_f32	9.9999975e-005
MaxRRngLmt Ohm f32	0.0120000001
 <pre>MinKeRngLmt_VpRadpS_f32</pre>	0.0560000017
C_MinLdRngLmt_Henry_f32	9.9999975e-005
	0.000159999996
:_MinRRngLmt_Ohm_f32	0.0149999997
	9.9999975e-005
NomLd_Henry_f32	
C_NomLq_Henry_f32	0.000159999996
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_CurrParamLdSatScIFac_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_CurrParamLdSatScIFac_Uls_u2p14[5][5]	21299
2_CurrParamLdSatSclFac_Uls_u2p14[5][6]	22938
z_CurrParamLqSatScIFac_Uis_uzp14[5][6] 2_CurrParamLqSatScIFac_Uis_u2p14[0][0]	1638
2_CurrParamLqSatScIFac_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 Out arantequation at the uzprajziji	
	27853
2_CurrParamLqSatSclFac_Uls_u2p14[2][2]	27853 29491
	27853 29491 31130

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Name	Input Value
Name I2_CurrParamLqSatSclFac_Uls_u2p14[2][6]	32768
z_currParamLqSatSciFac_Uis_uzp14[z][6] 2_CurrParamLqSatSciFac_Uis_u2p14[3][0]	3277
2_CurrParamLqSatSclFac_Uls_u2p14[3][1]	6554
2_CurrParamLqSatSclFac_Uls_u2p14[3][2]	8192
2_CurrParamLqSatScIFac_Uls_u2p14[3][3]	11469
I2_CurrParamLqSatScIFac_Uls_u2p14[3][4]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[3][5]	29491
t2_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
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]	1408
t_CurrParamCompDaxRef_Amp_u9p7[1]	2816
t_CurrParamCompDaxRef_Amp_u9p7[2]	4224
t CurrParamCompDaxRef Amp u9p7[3]	5632
t CurrParamCompDaxRef Amp u9p7[4]	7040
t_CurrParamCompDaxRef_Amp_u9p7[5]	8448
t_CurrParamCompQaxRef_Amp_u9p7[0]	16640
t_CurrParamCompQaxRef_Amp_u9p7[1]	17920
	19200
t_CurrParamCompQaxRef_Amp_u9p7[2]	
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]	1966
t_KeSatTbiY_Uis_u2p14[1]	2130
t_KeSatTblY_Uls_u2p14[1]	2294
	1802
t_KeSatTblY_Uls_u2p14[3]	2621
t_KeSatTblY_Uls_u2p14[4]	
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	220
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	11.2539997
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32

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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]	0.0560000017	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	9.9999975e-005 ± 0.0625	~	
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0120000001	0.0120000001	~	

T				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 2.10 (Repeat Count = 1)	
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0329999998
EstRFF_Ohm_M_f32	0.0132443998
FastDataAccessBufIndex_Cnt_M_u16	1
MtrEstKe_VpRadpS_M_f32[0]	0.0280000009
MtrEstKe_VpRadpS_M_f32[1]	0.0289999992
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0379999988
k_MaxLdRngLmt_Henry_f32	7.00000019e-005
k_MaxLqRngLmt_Henry_f32	0.00026999999
k_MaxRRngLmt_Ohm_f32	0.0130000003
k_MinKeRngLmt_VpRadpS_f32	0.057
k_MinLdRngLmt_Henry_f32	0.000119999997
k_MinLqRngLmt_Henry_f32	0.000169999999
k_MinRRngLmt_Ohm_f32	0.0160000008
k_NomLd_Henry_f32	0.000110000001
k_NomLq_Henry_f32	0.000169999999
t2_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
2_CurrParamLdSatSclFac_Uls_u2p14[4][6]	11469
2_CurrParamLdSatSclFac_Uls_u2p14[5][0]	13107
2_CurrParamLdSatSclr ac_ots_u2p14[5][0]	14746
	16384
2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	18022
2_CurrParamLdSatSclFac_Uls_u2p14[5][3]	
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
P_CurrParamLqSatSclFac_Uls_u2p14[0][2]	4915
2_CurrParamLqSatSclFac_Uls_u2p14[0][3]	6554
P_CurrParamLqSatSclFac_Uls_u2p14[0][4]	8192
_CurrParamLqSatSclFac_Uls_u2p14[0][5]	9830
CurrParamLqSatSclFac_Uls_u2p14[0][6]	11469
_CurrParamLqSatSclFac_Uls_u2p14[1][0]	13107
_CurrParamLqSatSclFac_Uls_u2p14[1][1]	14746
_CurrParamLqSatSclFac_Uls_u2p14[1][2]	16384
_CurrParamLqSatSclFac_Uls_u2p14[1][3]	18022
_CurrParamLqSatSclFac_Uls_u2p14[1][4]	19661
CurrParamLqSatSclFac_Uls_u2p14[1][5]	21299
	22938
CurrParamLqSatScIFac Uls u2p14[2][0]	24576
ounr arameqoatoon ac_ots_uzp14[z][o] :_CurrParamLqSatSclFac_Uls_u2p14[2][1]	26214
P_CurrParamLqSatSclFac_Uls_u2p14[2][2]	27853
CurrParamLqSatSciFac_Uis_u2p14[2][2] CurrParamLqSatSciFac_Uis_u2p14[2][3]	2/653
	31130
CurrParamLqSatSclFac_Uls_u2p14[2][4]	
2_CurrParamLqSatSclFac_Uls_u2p14[2][5]	31949
2_CurrParamLqSatSclFac_Uls_u2p14[2][6]	32768
P_CurrParamLqSatSclFac_Uls_u2p14[3][0]	3277
_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
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
CurrParamLqSatSclFac_Uls_u2p14[4][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
_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]	24320
CurrParamCompQaxRef_Amp_u9p7[1]	25600
CurrParamCompQaxRef_Amp_u9p7[2]	26880
CurrParamCompQaxRef_Amp_u9p7[3]	27008
	27136
CurrParamCompQaxRef_Amp_u9p7[4]	
CurrParamCompQaxRef_Amp_u9p7[5]	16000
CurrParamCompQaxRef_Amp_u9p7[6]	17280
KeSatTblX_Amp_u9p7[0]	1280
KeSatTblX_Amp_u9p7[1]	2560
KeSatTbIX_Amp_u9p7[2]	3840
KeSatTblX_Amp_u9p7[3]	5120
KeSatTblX_Amp_u9p7[4]	6400
KeSatTblX_Amp_u9p7[5]	7680
KeSatTblX_Amp_u9p7[6]	8960
	10240
KeSatTblX Amp u9p7[7]	
_KeSatTbIX_Amp_u9p7[7] _KeSatTbIX_Amp_u9p7[8]	11520

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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]	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_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]	0.057	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	~

Т				✓
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		MACICAL
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_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	
z_CurrParamLdSatScIFac_Uis_u2p14[3][0] 2_CurrParamLdSatScIFac_Uis_u2p14[4][0]	1638	
2_CurrParamLdSatSciFac_0is_u2p14[4][0] 2 CurrParamLdSatSciFac Uls u2p14[4][1]	3277	
z_CurrParamLdSatSciFac_Uis_uzp14[4][1] 2_CurrParamLdSatSciFac_Uis_u2p14[4][2]	4915	
2_CurrParamLdSatScIFac_Ois_u2p14[4][2] 2 CurrParamLdSatScIFac Uls u2p14[4][3]	6554	
2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192	
2_CurrParamLdSatSclFac_Uls_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	
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_UIs_u2p14[1][6]	22938	
2_CurrParamLqSatSclFac_Uls_u2p14[2][0]	24576	
2_CurrParamLqSatScIFac_UIs_u2p14[2][1]	26214	
2 CurrParamLqSatScIFac Uls u2p14[2][2]	27853	
z_CurrParamLqSatSciFac_0is_uzp14[z][z] 2_CurrParamLqSatSciFac_Uis_u2p14[2][3]	27653	
	31130	
2_CurrParamLqSatSclFac_Uls_u2p14[2][4]		
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	
2_CurrParamLqSatSclFac_Uls_u2p14[4][6]	11469	
2_CurrParamLqSatSclFac_Uls_u2p14[5][0]	13107	

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CurrParamComp_Per1

	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]	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 23040		
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_KeSatTbIX_Amp_u9p7[1]	2816		
t KeSatTbIX Amp u9p7[2]	4224		
t_KeSatTbIX_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_KeSatTbIY_UIs_u2p14[4]	2621		
t_KeSatTbIY_UIs_u2p14[5]	2784		
t_KeSatTbIY_UIs_u2p14[6]	4096		
t_KeSatTbIY_UIs_u2p14[7]	5734		
t_KeSatTblY_Uls_u2p14[8]	2458		
t_KeSatTblY_Uls_u2p14[9]	7373		
t_KeSatTblY_Uls_u2p14[10] t_KeSatTblY_Uls_u2p14[11]	9011		
t_KeSatTblY_Uls_u2p14[11]	10650		
t_KeSatTblY_Uls_u2p14[13]	12288		
t_KeSatTblY_Uls_u2p14[13]	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	6 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:		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]	0.0579999983	0.0579999983	✓
MtrEstKe_VpRadpS_M_f32[1]	0.0309999995	0.0309999995	_
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0579999983	0.0579999983	✓
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.00013	0.00013 ± 0.000000009	~
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000180000003	0.000180000003 ± 0.0625	~

0.0140000004

0.0140000004

 $tgt_CurrParamComp_Per1_EstR_Ohm_f32.value$





Т				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	Imput Value
	Input Value
EstKeFF_VpRadpS_M_f32	0.0350000001
EstRFF_Ohm_M_f32	0.0155450003
FastDataAccessBufIndex_Cnt_M_u16	1
MtrEstKe_VpRadpS_M_f32[0]	0.0410000011
MtrEstKe_VpRadpS_M_f32[1]	0.0450000018
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
<pre><_MaxKeRngLmt_VpRadpS_f32</pre>	0.039999991
<pre><_MaxLdRngLmt_Henry_f32</pre>	9.0000014e-005
<_MaxLqRngLmt_Henry_f32	0.000289999996
c_MaxRRngLmt_Ohm_f32	0.0149999997
<pre><_MinKeRngLmt_VpRadpS_f32</pre>	0.0590000004
C_MinLdRngLmt_Henry_f32	0.000140000004
c_MinLqRngLmt_Henry_f32	0.000190000006
c_MinRRngLmt_Ohm_f32	0.0179999992
C_NomLd_Henry_f32	0.00013
C_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
2_CurrParamLdSatSclFac_Uls_u2p14[1][5]	21299
	22938
2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	
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 CurrParamLdSatScIFac Uls u2p14[4][4]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830
2 CurrParamLdSatScIFac Uls u2p14[4][6]	11469
2_CurrParamLdSatSclFac Uls u2p14[4][0]	13107
z_currParamLdSatSciFac_Uis_uzp14[5][0] 2_CurrParamLdSatSciFac_Uis_u2p14[5][1]	14746
	16384
2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	
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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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	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		
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3322222222222222222222222222222222222$	tgt_CurrParamComp_Per1_MtrCurrQaxRef_	Amp_f32		
Name	Actual Value	Expected Value	R	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 ± 0.00000000	09	~
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000190000006	0.000190000006 ± 0.0625		~
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0149999997	0.0149999997		✓

T				✓
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	0.0599999987
k_MinLdRngLmt_Henry_f32	0.000150000007
k_MinLqRngLmt_Henry_f32	0.000199999995
k_MinRRngLmt_Ohm_f32	0.0189999994
k_NomLd_Henry_f32	0.000140000004
k_NomLq_Henry_f32	0.000199999995
t2_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_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]	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
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3222222222222222222222222222222222222$	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3:	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32
Nome	Actual Value Pagult

tgt_tte_mbt_tp_burn dramoomp.cr_manoump_r tr_matouredxrtot_tmp_b_tgt_burn dramoomp_r tr_matouredxrtot_tmp_bz				
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	•	

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

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

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Name	Input Value
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
_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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Name	Input Value
2_CurrParamLqSatSclFac_Uls_u2p14[2][6]	32768
2_CurrParamLqSatScIFac_Uls_u2p14[3][0]	3277
2_CurrParamLqSatSclFac_Uls_u2p14[3][1]	6554
2_CurrParamLqSatSclFac_Uls_u2p14[3][2]	8192
2_CurrParamLqSatScIFac_Uls_u2p14[3][3]	11469
2_CurrParamLqSatSclFac_Uls_u2p14[3][4]	14746
l2_CurrParamLqSatSclFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSclFac_Uls_u2p14[3][6]	31130
2_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
2_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_CurrParamCompDaxRef_Amp_u9p7[0]	16640
t_CurrParamCompQaxRef_Amp_u9p7[1]	17920
t_CurrParamCompQaxRef_Amp_u9p7[2]	19200
t_CurrParamCompQaxRef_Amp_u9p7[3]	20480
t_CurrParamCompQaxRef_Amp_u9p7[4]	21760
t_CurrParamCompQaxRef_Amp_u9p7[5]	23040
t_CurrParamCompQaxRef_Amp_u9p7[6]	25600
t_KeSatTblX_Amp_u9p7[0]	28160
t_KeSatTblX_Amp_u9p7[1]	28160
t_KeSatTblX_Amp_u9p7[2]	28160
t_KeSatTblX_Amp_u9p7[3]	28160
t_KeSatTblX_Amp_u9p7[4]	28160
t_KeSatTblX_Amp_u9p7[5]	28160
t_KeSatTblX_Amp_u9p7[6]	28160
t_KeSatTblX_Amp_u9p7[7]	28160
t_KeSatTblX_Amp_u9p7[8]	28160
t_KeSatTblX_Amp_u9p7[9]	28160
t_KeSatTblX_Amp_u9p7[10]	28160
t_KeSatTblX_Amp_u9p7[11]	28160
t_KeSatTblX_Amp_u9p7[12]	28160
t_KeSatTblX_Amp_u9p7[13]	28160
t KeSatTbIX Amp u9p7[14]	28160
t_KeSatTblX_Amp_u9p7[15]	28160
t_KeSatTblY_Uls_u2p14[0]	1966
t_KeSatTblY_Uls_u2p14[1]	2130
	6554
t_KeSatTbIY_Uls_u2p14[2] t_KeSatTbIY_Uls_u2p14[3]	1802
	2621
t_KeSatTblY_Uls_u2p14[4]	2785
t_KeSatTblY_Uls_u2p14[5]	
t_KeSatTblY_Uls_u2p14[6]	4096
t_KeSatTblY_Uls_u2p14[7]	5734
t_KeSatTblY_Uls_u2p14[8]	2458
t_KeSatTblY_Uls_u2p14[9]	7373
t_KeSatTblY_Uls_u2p14[10]	8192
t_KeSatTblY_Uls_u2p14[11]	9011
t_KeSatTblY_Uls_u2p14[12]	10650
t_KeSatTblY_Uls_u2p14[13]	12288
t_KeSatTblY_Uls_u2p14[14]	13926
t_KeSatTblY_Uls_u2p14[15]	15565
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	-10.5640001
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	15.8940001
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32
	-5 3-a

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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	~

T				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	~

Innut Value
Input Value
0.074000001
0.0398560017
1
0.0260000005
0.0270000007
tgt_Rte_Inst_Ap_CurrParamComp
0.075000003
0.000310000003
0.000289999996
0.0240000002
0.0649999976
0.00033000001
0.000239999994
0.0390000008
0.000260000001
3.999999e-005
1638
3277
4915
6554
8192
9830
11469
13107
14746
16384
18022
19661
21299
22938
24576
26214
27853
29491
31130
31949
32768
3277
6554
8192
11469
14746
29491
31130
1638
3277
4915
6554
8192

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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_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	
t_CurrParamCompQaxRef_Amp_u9p7[5]	23040	
t_CurrParamCompQaxRef_Amp_u9p7[6]	25600	
t_KeSatTblX_Amp_u9p7[0]	12800	
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	
t_KeSatTblX_Amp_u9p7[9]	12800	
t_KeSatTblX_Amp_u9p7[9]	12800	

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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	~

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

Test Step 2.16 (Repeat Count = 1)	✓
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0390000008
EstRFF_Ohm_M_f32	0.0191319995
FastDataAccessBufIndex_Cnt_M_u16	0
MtrEstKe_VpRadpS_M_f32[0]	0.0280000009
MtrEstKe_VpRadpS_M_f32[1]	0.0289999992
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0710000023
k_MaxLdRngLmt_Henry_f32	0.000140000004
k_MaxLqRngLmt_Henry_f32	0.000391090987
k_MaxRRngLmt_Ohm_f32	0.0189999994
k_MinKeRngLmt_VpRadpS_f32	0.0610000007
k_MinLdRngLmt_Henry_f32	0.000180000003
k_MinLqRngLmt_Henry_f32	0.000230000005
k_MinRRngLmt_Ohm_f32	0.0219999999
k_NomLd_Henry_f32	0.000169999999
k_NomLq_Henry_f32	0.000230000005
t2_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

CurrParamComp_Per1

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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]	16640		
t_CurrParamCompDaxRef_Amp_u9p7[1]	17920		
t_CurrParamCompDaxRef_Amp_u9p7[2]	19200 20480		
t_CurrParamCompDaxRef_Amp_u9p7[3] t_CurrParamCompDaxRef_Amp_u9p7[4]	21760		
t CurrParamCompDaxRef Amp_u9p7[5]	23040		
t_CurrParamCompQaxRef_Amp_u9p7[0]	1280		
t CurrParamCompQaxRef Amp u9p7[1]	2560		
t_CurrParamCompQaxRef_Amp_u9p7[2]	3840		
t_CurrParamCompQaxRef_Amp_u9p7[3]	5120		
t_CurrParamCompQaxRef_Amp_u9p7[4]	6400		
t_CurrParamCompQaxRef_Amp_u9p7[5]	7680		
t_CurrParamCompQaxRef_Amp_u9p7[6]	8960		
t_KeSatTbIX_Amp_u9p7[0]	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 8960		
t_KeSatTbIX_Amp_u9p7[6] t_KeSatTbIX_Amp_u9p7[7]	10240		
t_KeSatTblX_Amp_u9p7[8]	11520		
t KeSatTbIX 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_KeSatTbIY_Uls_u2p14[7] t_KeSatTbIY_Uls_u2p14[8]	0		
t_KeSatTblY_Uls_u2p14[9]	0		
t_KeSatTblY_Uls_u2p14[10]	0		
t KeSatTblY Uls u2p14[11]	0		
t_KeSatTblY_Uls_u2p14[12]	0		
t_KeSatTblY_Uls_u2p14[13]	0		
t_KeSatTblY_Uls_u2p14[14]	0		
t_KeSatTblY_Uls_u2p14[15]	0		
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	-85.7519989		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	17.75		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_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_	1		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_			l _P
Name	Actual Value	Expected Value	Resu
FastDataAccessBufIndex_Cnt_M_u16	1	1	
MtrEstKe_VpRadpS_M_f32[0]	0.0280000009	0.0280000009	
MtrEstKe_VpRadpS_M_f32[1] tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0610000007 0.0610000007	0.0610000007 0.0610000007	
tgt_CurrParamComp_Per1_Esttke_vpRadpS_rs2.value tgt_CurrParamComp_Per1_EsttLd_Henry_f32.value	0.000180000007	0.00180000007 0.000180000003 ± 0.0000000009	
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000230000005	0.000230000005 ± 0.0625	
tot CurrParamComp Per1 EstR Ohm f32.value	0.0189999994	0.0189999994	

0.0189999994

0.0189999994

 $tgt_CurrParamComp_Per1_EstR_Ohm_f32.value$





T				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 2.17 (Repeat Count = 1)	Immed Value	
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	
k_MaxKeRngLmt_VpRadpS_f32	0.0719999969	
k_MaxLdRngLmt_Henry_f32	0.000150000007	
k_MaxLqRngLmt_Henry_f32	9.9999975e-005	
k_MaxRRngLmt_Ohm_f32	0.0199999996	
k_MinKeRngLmt_VpRadpS_f32	0.061999999	
k_MinLdRngLmt_Henry_f32	0.000190000006	
k_MinLqRngLmt_Henry_f32	3.999999e-005	
k_MinRRngLmt_Ohm_f32	0.023	
k_NomLd_Henry_f32	9.9999975e-005	
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 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_CurrParamLdSatScIFac_Uls_u2p14[3][0]	3277	
t2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	6554	
t2_CurrParamLdSatScIFac_Uls_u2p14[3][2]	8192	
t2 CurrParamLdSatScIFac Uls u2p14[3][3]	11469	
	14746	
t2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	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	

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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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Input Value	
t_KeSatTbIY_UIs_u2p14[6] 32768 t_KeSatTbIY_UIs_u2p14[8] 32768 t_KeSatTbIY_UIs_u2p14[9] 32768 t_KeSatTbIY_UIs_u2p14[10] 32768 t_KeSatTbIY_UIs_u2p14[11] 32768 t_KeSatTbIY_UIs_u2p14[12] 32768 t_KeSatTbIY_UIs_u2p14[12] 32768 t_KeSatTbIY_UIs_u2p14[13] 32768 t_KeSatTbIY_UIs_u2p14[13] 32768 t_KeSatTbIY_UIs_u2p14[14] 32768 t_KeSatTbIY_UIs_u2p14[15] 32768 t_KeSatTbIY_UIs_u2p14[15] 32768 t_KeSatTbIY_UIs_u2p14[15] 32768 t_KeSatTbIY_UIs_u2p14[15] 32768 t_KeSatTbIY_UIs_u2p14[15] 32768 tg_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_Rte_Inst_Ap_CurrParamComp_CurrParamComp_Per1_EstLd_Henry_f32 tgt_CurrParamComp_Per1_EstLd_Henry_f32	
t_KeSatTblY_UIs_u2p14[7] 32768 t_KeSatTblY_UIs_u2p14[8] 32768 t_KeSatTblY_UIs_u2p14[9] 32768 t_KeSatTblY_UIs_u2p14[10] 32768 t_KeSatTblY_UIs_u2p14[11] 32768 t_KeSatTblY_UIs_u2p14[12] 32768 t_KeSatTblY_UIs_u2p14[13] 32768 t_KeSatTblY_UIs_u2p14[14] 32768 t_KeSatTblY_UIs_u2p14[15] 32768 tg_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value -123.346001 tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value 18.6779995 tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32 tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32 tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32 tgt_CurrParamComp_Per1_EstLd_Henry_f32	
t_KeSatTbIY_UIs_u2p14[8] 32768 t_KeSatTbIY_UIs_u2p14[10] 32768 t_KeSatTbIY_UIs_u2p14[11] 32768 t_KeSatTbIY_UIs_u2p14[12] 32768 t_KeSatTbIY_UIs_u2p14[13] 32768 t_KeSatTbIY_UIs_u2p14[14] 32768 t_KeSatTbIY_UIs_u2p14[15] 32768 t_KeSatTbIY_UIs_u2p14[15] 32768 tg_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value -123.346001 tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value 18.6779995 tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32 tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32 tgt_Rte_Inst_Ap_CurrParamComp_CurrParamComp_Per1_EstLd_Henry_f32 tgt_CurrParamComp_Per1_EstLd_Henry_f32	
t_KeSatTbIY_Uls_u2p14[9] 32768 t_KeSatTbIY_Uls_u2p14[10] 32768 t_KeSatTbIY_Uls_u2p14[11] 32768 t_KeSatTbIY_Uls_u2p14[12] 32768 t_KeSatTbIY_Uls_u2p14[13] 32768 t_KeSatTbIY_Uls_u2p14[14] 32768 t_KeSatTbIY_Uls_u2p14[15] 32768 tg_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value -123.346001 tg_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value 18.6779995 tg_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32 tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32 tg_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32 tgt_CurrParamComp_Per1_EstLd_Henry_f32	
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[14] 32768 t_KeSatTblY_Uls_u2p14[15] 32768 t_KeSatTblY_Uls_u2p14[15] 32768 tg_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value 18.6779995 tg_Rte_Inst_Ap_CurrParamComp_CurrParamComp_Per1_EstKe_VpRadpS_f32 tgt_Rte_Inst_Ap_CurrParamComp_CurrParamComp_Per1_EstLd_Henry_f32 tgt_CurrParamComp_Per1_EstLd_Henry_f32 tgt_CurrParamComp_Per1_EstLd_Henry_f32	
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_f32 tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32 tgt_CurrParamComp_Per1_EstLd_Henry_f32	
t_KeSatTbIY_UIs_u2p14[12] 32768 t_KeSatTbIY_UIs_u2p14[13] 32768 t_KeSatTbIY_UIs_u2p14[14] 32768 t_KeSatTbIY_UIs_u2p14[15] 32768 tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value -123.346001 tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value 18.6779995 tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32 tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32 tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32 tgt_CurrParamComp_Per1_EstLd_Henry_f32	
t_KeSatTbIY_UIs_u2p14[13] 32768 t_KeSatTbIY_UIs_u2p14[14] 32768 t_KeSatTbIY_UIs_u2p14[15] 32768 tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value -123.346001 tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value 18.6779995 tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32 tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32 tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32 tgt_CurrParamComp_Per1_EstLd_Henry_f32	
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_f32 tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32 tgt_CurrParamComp_Per1_EstLd_Henry_f32	
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_Rte_Inst_Ap_CurrParamComp_CurrParamComp_Per1_EstLd_Henry_f32 tgt_CurrParamComp_Per1_EstLd_Henry_f32	
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_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32 tgt_CurrParamComp_Per1_EstLd_Henry_f32	
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value 18.6779995 tgt_Rte_Inst_Ap_CurrParamComp_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_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_EstLd_Henry_f32 tgt_CurrParamComp_Per1_EstLd_Henry_f32	
tot. Rte. Inst. An. CurrParamComp. CurrParamComp. Per1. Estl. g. Henry. f32	
4 Can diamonth of Legisland and Control of Canada and C	
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] 0.0719999969 0.0719999969	~
MtrEstKe_VpRadpS_M_f32[1] 0.0309999995 0.0309999995	•
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value 0.0719999969 0.0719999969	~
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value 0.000190000006 0.000190000006 ± 0.0000000009	~
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value 4.07373045e-005 4.07000007e-005 ± 0.0625	~
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value 0.0199999996 0.0199999996	~

T				
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	0.072999989
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	0.000199999995
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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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_Uis_uzp14[5][0] 2_CurrParamLqSatSciPac_Uis_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

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>	0.074000001
C_MaxLdRngLmt_Henry_f32	0.000169999999
_MaxLqRngLmt_Henry_f32	0.000119999997
MaxRRngLmt Ohm f32	0.0099999978
 <_MinKeRngLmt_VpRadpS_f32	0.064000003
	0.000209999998
:_MinLqRngLmt_Henry_f32	5.9999985e-005
:_MinRRngLmt_Ohm_f32	0.0250000004
NomLd Henry f32	0.000119999997
NomLq Henry f32	0.000260000001
2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
2_CurrParamLdSatSclr ac_bis_u2p14[0][0] 2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
2_CurrParamLdSatSclFac_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_CurrParamLdSatScIFac_UIs_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
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
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]	0
t_CurrParamCompDaxRef_Amp_u9p7[1]	0
t_CurrParamCompDaxRef_Amp_u9p7[2]	0
t_CurrParamCompDaxRef_Amp_u9p7[3]	0
t_CurrParamCompDaxRef_Amp_u9p7[4]	0
t_CurrParamCompDaxRef_Amp_u9p7[5]	0
t_CurrParamCompQaxRef_Amp_u9p7[0]	24320
t_CurrParamCompQaxRef_Amp_u9p7[1]	25600
t_CurrParamCompQaxRef_Amp_u9p7[2]	26880
t_CurrParamCompQaxRef_Amp_u9p7[3]	27008
t_CurrParamCompQaxRef_Amp_u9p7[4]	27136
t_CurrParamCompQaxRef_Amp_u9p7[5]	16000
t_CurrParamCompQaxRef_Amp_u9p7[6]	17280
t_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_KeSatTbIX_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]	4915
t_KeSatTblY_Uls_u2p14[1]	6554
t_KeSatTblY_Uls_u2p14[2]	8192
t_KeSatTblY_Uls_u2p14[3]	3277
t KeSatTbIY 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_KeSatTbIY_Uls_u2p14[12]	14623
t_KeSatTbIY_Uls_u2p14[13]	14909
t_KeSatTbIY_Uls_u2p14[14]	14982
t_KeSatTblY_Uls_u2p14[15]	16356
	-198.533997
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	
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_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]	0.064000003	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	0.0099999978	0.0099999978	~

T ·					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached	1	~	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~	
BilinearXYM_u16_u16Xu16YM_Cnt	2	BilinearXYM_u16_u16Xu16YM_Cnt	2	~	
Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached	1	~	

Test Step 2.20 (Repeat Count = 1) Name	Input Value
	Input Value
EstKeFF_VpRadpS_M_f32	0.0430000015
EstRFF_Ohm_M_f32	0.0234534498
FastDataAccessBufIndex_Cnt_M_u16	1
MtrEstKe_VpRadpS_M_f32[0]	0.0649999976
MtrEstKe_VpRadpS_M_f32[1]	0.0689999983
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
x_MaxKeRngLmt_VpRadpS_f32	0.0540000014
_MaxLdRngLmt_Henry_f32	0.000180000003
_MaxLqRngLmt_Henry_f32	0.00013
:_MaxRRngLmt_Ohm_f32	0.0109999999
_MinKeRngLmt_VpRadpS_f32	0.0649999976
_MinLdRngLmt_Henry_f32	0.000220000002
_MinLqRngLmt_Henry_f32	7.00000019e-005
:_MinRRngLmt_Ohm_f32	0.0260000005
_NomLd_Henry_f32	0.00013
_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
	3277
2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	8192
2_CurrParamLdSatScIFac_Uls_u2p14[3][2] 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_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830

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CurrParamComp_Per1		TAACILAG
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 6554	
t2_CurrParamLqSatScIFac_Uls_u2p14[0][3] t2 CurrParamLqSatScIFac Uls u2p14[0][4]	8192	
t2_CurrParamLqSatSclFac_Uls_u2p14[0][4]	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	
12_CurrParamLqSatSclFac_Uls_u2p14[1][6]	22938	
12_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] t2_CurrParamLqSatSclFac_Uls_u2p14[3][6]	29491 31130	
t2_CurrParamLqSatSclFac_Uls_u2p14[3][0]	1638	
t2_CurrParamLqSatSclFac_Uls_u2p14[4][0]	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	
:_CurrParamCompDaxRef_Amp_u9p7[4]	28160	
t_CurrParamCompDaxRef_Amp_u9p7[5]	28160	
t_CurrParamCompQaxRef_Amp_u9p7[0] t_CurrParamCompQaxRef_Amp_u9p7[1]	1280 2560	
:_CurrParamCompQaxRef_Amp_u9p7[1] :_CurrParamCompQaxRef_Amp_u9p7[2]	3840	
:_CurrParamCompQaxRef_Amp_u9p7[2]	5120	
CurrParamCompQaxRef_Amp_u9p7[3]	6400	
:_CurrParamCompQaxRef_Amp_u9p7[5]	7680	
CurrParamCompQaxRef_Amp_u9p7[6]	8960	
:_KeSatTblX_Amp_u9p7[0]	1408	
:_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	
	12672	
t_KeSatTblX_Amp_u9p7[8]	12072	

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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

<u> </u>		·-	
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	~

T				✓
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)	· Control of the cont
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0439999998
EstRFF_Ohm_M_f32	0.0246456005
FastDataAccessBufIndex_Cnt_M_u16	1
MtrEstKe_VpRadpS_M_f32[0]	0.0260000005
MtrEstKe_VpRadpS_M_f32[1]	0.0270000007
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0549999997
k_MaxLdRngLmt_Henry_f32	0.000190000006
k_MaxLqRngLmt_Henry_f32	0.000140000004
k_MaxRRngLmt_Ohm_f32	0.0120000001
k_MinKeRngLmt_VpRadpS_f32	0.0659999996
k_MinLdRngLmt_Henry_f32	0.000230000005
k_MinLqRngLmt_Henry_f32	7.9999998e-005
k_MinRRngLmt_Ohm_f32	0.0270000007
k_NomLd_Henry_f32	0.000140000004
k_NomLq_Henry_f32	0.000280000007
t2_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 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 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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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]	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	~
tot OverBorous Cours Boot FetB Ober 100 volum	0.040000004	0.040000004	

0.0120000001

0.0120000001

tgt_CurrParamComp_Per1_EstR_Ohm_f32.value





Т				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 2.22 (Repeat Count = 1)	Innuit 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	
k_MaxKeRngLmt_VpRadpS_f32	0.0560000017	
k_MaxLdRngLmt_Henry_f32	0.000199999995	
k_MaxLqRngLmt_Henry_f32	0.000150000007	
k_MaxRRngLmt_Ohm_f32	0.0130000003	
k_MinKeRngLmt_VpRadpS_f32	0.0670000017	
k_MinLdRngLmt_Henry_f32	0.000220000002	
k_MinLqRngLmt_Henry_f32	9.0000014e-005	
k_MinRRngLmt_Ohm_f32	0.0280000009	
k_NomLd_Henry_f32	0.000150000007	
k_NomLq_Henry_f32	0.000289999996	
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_CurrParamLdSatScIFac_Uls_u2p14[2][5]	31949	
	32768	
t2_CurrParamLdSatSclFac_Uls_u2p14[2][6] t2_CurrParamLdSatSclFac_Uls_u2p14[3][0]	3277	
t2_CurrParamLdSatScIFac_Uis_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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CurrearamComp_Peri		المار
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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CurrParamComp_Per1

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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_VpRadp	S_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f	32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f	32	
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	3: tgt_CurrParamComp_Per1_MtrCurrDaxRef	_Amp_f32	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_tracking and the property of the property$	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]	0.0670000017	0.0670000017	~
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0670000017	0.0670000017	✓
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000199999995	0.000199999995 ± 0.000000000	9 🗸
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000150000007	0.000150000007 ± 0.0625	~
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0130000003	0.0130000003	✓

T				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_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		
Name	Actual Value Expected Value	Result

ig_rac_mot_tp_cam aramcomp.cam aramcomp_r cri_macan cax tci_amp_c.	tgt_carr aramoonp_r or _miroar aaxi tci_i	inp_ioz	
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	~

T				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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CurrenamComp_Peri	- Control of the cont
Name	Input Value
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0579999983
k_MaxLdRngLmt_Henry_f32	0.000220000002
k_MaxLqRngLmt_Henry_f32	0.000169999999
k MaxRRngLmt Ohm f32	0.0149999997
k_MinKeRngLmt_VpRadpS_f32	0.0689999983
k_MinLdRngLmt_Henry_f32	0.000239999994
k_MinLqRngLmt_Henry_f32	0.00026999999
k_MinRRngLmt_Ohm_f32	0.029999993
k_NomLd_Henry_f32	0.00169999999
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
	6554
t2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	9830
t2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	
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
	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
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_CurrParamLqSatSclFac_Uls_u2p14[2][1]	
t2_CurrParamLqSatSclFac_Uls_u2p14[2][2]	27853
t2_CurrParamLqSatSclFac_Uls_u2p14[2][3]	29491
t2_CurrParamLqSatSclFac_Uls_u2p14[2][4] t2_CurrParamLqSatSclFac_Uls_u2p14[2][5]	31130
	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
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]	8960
t_CurrParamCompDaxRef_Amp_u9p7[1]	10240

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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]	0.0410000011	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	~

T				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 2.25 (Repeat Count = 1)	Innut Value
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0250000004
EstRFF_Ohm_M_f32	0.0283122994
FastDataAccessBufIndex_Cnt_M_u16	0
MtrEstKe_VpRadpS_M_f32[0]	0.0430000015
MtrEstKe_VpRadpS_M_f32[1]	0.0710000023
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
c_MaxKeRngLmt_VpRadpS_f32	0.0590000004
_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
	29491
2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	
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
t2_CurrParamLdSatSclFac_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 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 6554 t2 CurrParamLqSatSclFac Uls u2p14[3][1] 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 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 23040 t CurrParamCompQaxRef Amp u9p7[5] $t_CurrParamCompQaxRef_Amp_u9p7[6]$ 25600 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

8960

10240

11520

12800

t_KeSatTblX_Amp_u9p7[6]

t_KeSatTblX_Amp_u9p7[7]

t_KeSatTblX_Amp_u9p7[8]

t_KeSatTblX_Amp_u9p7[9]

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Name Input Value

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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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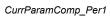
CurrParamComp_Per1

		•	
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		
t_CurrParamCompDaxRef_Amp_u9p7[3]	27008		
t_CurrParamCompDaxRef_Amp_u9p7[4]	27136		
t_CurrParamCompDaxRef_Amp_u9p7[5]	16000		
t_CurrParamCompQaxRef_Amp_u9p7[0]	24320		
t_CurrParamCompQaxRef_Amp_u9p7[1]	25600		
t_CurrParamCompQaxRef_Amp_u9p7[2]	26880		
t_CurrParamCompQaxRef_Amp_u9p7[3]	27008		
t_CurrParamCompQaxRef_Amp_u9p7[4]	27136		
t_CurrParamCompQaxRef_Amp_u9p7[5]	16000		
t_CurrParamCompQaxRef_Amp_u9p7[6]	17280		
t_KeSatTblX_Amp_u9p7[0]	1408 2816		
t_KeSatTblX_Amp_u9p7[1] t KeSatTblX_Amp_u9p7[2]	4224		
t_KeSatTbIX_Amp_u9p7[2] t_KeSatTbIX_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_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]	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 4096		
t_KeSatTblY_Uls_u2p14[14] t KeSatTblY Uls_u2p14[15]	4096 4260		
t_ResatTotY_Uis_uzp14[15] tgt CurrParamComp Per1 MtrCurrDaxRef Amp f32.value	-37.4140015		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	27.0300007		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS	3 f32	
tot Rte Inst Ap CurrParamComp.CurrParamComp Per1 EstLd Henry f32	tgt CurrParamComp Per1 EstLd Henry f32	_	
tgt Rte Inst Ap CurrParamComp.CurrParamComp Per1 EstLg 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;		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]	0.0649999976	0.0649999976	•
MtrEstKe_VpRadpS_M_f32[1]	0.0710000023	0.0710000023	~
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0710000023	0.0710000023	~
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000260000001	0.000260000001 ± 0.0000000009	~
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000289999996	0.000289999996 ± 0.0625	•
Art Company Comman Dard Fath Ohra file or the	0.047000000	0.0470000000	

0.0170000009

0.0170000009

tgt_CurrParamComp_Per1_EstR_Ohm_f32.value





Τ				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 2.27 (Repeat Count = 1)	Input Value
	Input Value
EstKeFF_VpRadpS_M_f32	0.0500000007
EstRFF_Ohm_M_f32	0.0375670008
FastDataAccessBufIndex_Cnt_M_u16	1
MtrEstKe_VpRadpS_M_f32[0]	0.0260000005
MtrEstKe_VpRadpS_M_f32[1]	0.0270000007
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
<pre><_MaxKeRngLmt_VpRadpS_f32</pre>	0.0610000007
<pre><_MaxLdRngLmt_Henry_f32</pre>	0.000250000012
<pre><_MaxLqRngLmt_Henry_f32</pre>	0.00019999995
c_MaxRRngLmt_Ohm_f32	0.0179999992
<pre><_MinKeRngLmt_VpRadpS_f32</pre>	0.071999969
<pre><_MinLdRngLmt_Henry_f32</pre>	0.00026999999
c_MinLqRngLmt_Henry_f32	0.000300000014
C_MinRRngLmt_Ohm_f32	0.0329999998
c_NomLd_Henry_f32	0.000199999995
c_NomLq_Henry_f32	0.000339999999
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 CurrParamLdSatScIFac 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

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	1 1 10 10
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
	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
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_CurrParamLqSatSciFac_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
t_CurrParamCompQaxRef_Amp_u9p7[0]	1280
t CurrParamCompQaxRef Amp u9p7[1]	2560
t_CurrParamCompQaxRef_Amp_u9p7[2]	3840
t_CurrParamCompQaxRef_Amp_u9p7[3]	5120
t CurrParamCompQaxRef Amp u9p7[4]	6400
t_CurrParamCompQaxRef_Amp_u9p7[5]	7680
t_CurrParamCompQaxRef_Amp_u9p7[6]	8960
t_KeSatTblX_Amp_u9p7[0]	640
t_KeSatTblX_Amp_u9p7[1]	1920
t_KeSatTblX_Amp_u9p7[2]	3200
t_KeSatTblX_Amp_u9p7[3]	4480
t_KeSatTblX_Amp_u9p7[4]	5760
t_KeSatTblX_Amp_u9p7[5]	7040
t_KeSatTblX_Amp_u9p7[6]	8320
t_KeSatTblX_Amp_u9p7[7]	9600
t_KeSatTblX_Amp_u9p7[8]	10880
t_KeSatTblX_Amp_u9p7[9]	12160
t_KeSatTblX_Amp_u9p7[10]	13440
t_KeSatTblX_Amp_u9p7[11]	14720
t_KeSatTblX_Amp_u9p7[12]	16000
t_KeSatTblX_Amp_u9p7[13]	17280
t_KeSatTblX_Amp_u9p7[14]	18560
t_KeSatTblX_Amp_u9p7[15]	19840
t_KeSatTblY_Uls_u2p14[0]	1966
t_KeSatTblY_Uls_u2p14[1]	2130
t_KeSatTbIY_UIs_u2p14[2]	6554
t_KeSatTblY_Uls_u2p14[3]	1802
t_KeSatTblY_Uls_u2p14[4]	2621
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Name	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		
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	-39.2039986		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	-10.5640001		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	lpS_f32 tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	mp_Per1_EstLd_Henry_f32 tgt_CurrParamComp_Per1_EstLd_Henry_f32		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	enry_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]	0.0719999969	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	•

T ·					
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	0.0049999989
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
<u> </u>	8448

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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
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3222222222222222222222222222222222222$	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

gt_tto_mot_tp_ount dramountp_tot_mitountquarter_tinp_tot gt_ount dramountp_tot_mitountquarter_tinp_tot				
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	•	

T				
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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CurrearamComp_Peri	
Name	Input Value
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.063000001
k_MaxLdRngLmt_Henry_f32	0.00026999999
k_MaxLqRngLmt_Henry_f32	0.000220000002
k_MaxRRngLmt_Ohm_f32	0.0199999996
k_MinKeRngLmt_VpRadpS_f32	0.0260000005
k_MinLdRngLmt_Henry_f32	0.000289999996
k_MinLqRngLmt_Henry_f32	0.000319999992
k_MinRRngLmt_Ohm_f32	0.0350000001
k_NomLd_Henry_f32	0.000220000002
k_NomLq_Henry_f32	0.000360000005
t2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
t2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[0][2]	4915
t2_CurrParamLdSatScIFac_Uls_u2p14[0][3]	6554
	8192
t2_CurrParamLdSatSclFac_Uls_u2p14[0][4]	9830
t2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	
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_CurrParamLdSatSclFac_Uls_u2p14[4][0]	1638
t2_CurrParamLdSatScIFac_Uls_u2p14[4][1]	3277
t2_CurrParamLdSatScIFac_Uls_u2p14[4][2]	4915
t2_CurrParamLdSatScIFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatScIFac_Uis_u2p14[4][4] t2_CurrParamLdSatScIFac_Uis_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
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
t2_CurrParamLqSatSclFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSciFac_0is_u2p14[1][4] t2_CurrParamLqSatSciFac_Uis_u2p14[1][5]	21299
	22938
t2_CurrParamLqSatSclFac_Uls_u2p14[1][6]	
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
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]	8960
t_CurrParamCompDaxRef_Amp_u9p7[1]	10240

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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]	0.0309999995	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	~	

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

Test Step 2.30 (Repeat Count = 1)	
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0500000007
EstRFF_Ohm_M_f32	0.00600000005
FastDataAccessBufIndex_Cnt_M_u16	0
MtrEstKe_VpRadpS_M_f32[0]	0.0410000011
MtrEstKe_VpRadpS_M_f32[1]	0.0450000018
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.064000003
k_MaxLdRngLmt_Henry_f32	0.000280000007
k_MaxLqRngLmt_Henry_f32	0.000230000005
k_MaxRRngLmt_Ohm_f32	0.0209999997
k_MinKeRngLmt_VpRadpS_f32	0.0270000007
k_MinLdRngLmt_Henry_f32	0.000300000014
k_MinLqRngLmt_Henry_f32	0.00033000001
k_MinRRngLmt_Ohm_f32	0.0359999985
k_NomLd_Henry_f32	0.000230000005
k_NomLq_Henry_f32	0.000369999994
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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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] 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

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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
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
	14746
t2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	
t2_CurrParamLdSatSclFac_Uls_u2p14[3][5]	29491
t2_CurrParamLdSatSclFac_UIs_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][1]	3277
t2_CurrParamLqSatSciFac_Uls_u2p14[4][1] t2_CurrParamLqSatSciFac_Uls_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]	24320		
t_CurrParamCompDaxRef_Amp_u9p7[1]	25600		
t_CurrParamCompDaxRef_Amp_u9p7[2]	26880		
t_CurrParamCompDaxRef_Amp_u9p7[3]	27008		
t_CurrParamCompDaxRef_Amp_u9p7[4]	27136		
t_CurrParamCompDaxRef_Amp_u9p7[5]	16000		
t_CurrParamCompQaxRef_Amp_u9p7[0]	1280		
t_CurrParamCompQaxRef_Amp_u9p7[1]	2560		
t_CurrParamCompQaxRef_Amp_u9p7[2]	3840		
t_CurrParamCompQaxRef_Amp_u9p7[3]	5120		
t_CurrParamCompQaxRef_Amp_u9p7[4]	6400		
t_CurrParamCompQaxRef_Amp_u9p7[5]	7680		
t_CurrParamCompQaxRef_Amp_u9p7[6]	8960		
t_KeSatTblX_Amp_u9p7[0]	1280		
t_KeSatTblX_Amp_u9p7[1]	2560		
t_KeSatTblX_Amp_u9p7[2]	3840		
t_KeSatTblX_Amp_u9p7[3]	5120		
t_KeSatTblX_Amp_u9p7[4]	6400		
t_KeSatTblX_Amp_u9p7[5]	7680		
t_KeSatTblX_Amp_u9p7[6]	8960		
t_KeSatTblX_Amp_u9p7[7]	10240		
t_KeSatTblX_Amp_u9p7[8]	11520		
t_KeSatTblX_Amp_u9p7[9]	12800		
t_KeSatTblX_Amp_u9p7[10]	14080		
t_KeSatTblX_Amp_u9p7[11]	15360		
t_KeSatTblX_Amp_u9p7[12]	16640		
t_KeSatTblX_Amp_u9p7[13]	17920		
t_KeSatTblX_Amp_u9p7[14]	19200		
t_KeSatTblX_Amp_u9p7[15]	20480		
t_KeSatTblY_Uls_u2p14[0]	1966		
t_KeSatTblY_Uls_u2p14[1]	2130		
t_KeSatTblY_Uls_u2p14[2]	2294		
t_KeSatTblY_Uls_u2p14[3]	1802		
t_KeSatTblY_Uls_u2p14[4]	2621		
t_KeSatTblY_Uls_u2p14[5]	2785		
t_KeSatTblY_Uls_u2p14[6]	3277		
t_KeSatTblY_Uls_u2p14[7]	4915		
t_KeSatTblY_Uls_u2p14[8]	2458		
t_KeSatTblY_Uls_u2p14[9]	6554		
t_KeSatTblY_Uls_u2p14[10]	1638		
t_KeSatTblY_Uls_u2p14[11]	8192		
t_KeSatTblY_Uls_u2p14[12]	9830		
t_KeSatTblY_Uls_u2p14[13]	11469		
t_KeSatTblY_Uls_u2p14[14]	13107		
t_KeSatTblY_Uls_u2p14[15]	14746		
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	-46.3639984		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	-17.7240009		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS	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]	0.0280000009	0.0280000009	•
MtrEstKe VpRadpS M f32[1]	0.0710000023	0.0710000023	-
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0280000009	0.0280000009	•
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000310000003	0.000310000003 ± 0.0000000009	-
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000220000002	0.000220000002 ± 0.0625	•
tot Ours Borran Come Bort Foto Ober 100 color	0.0040000000	0.0040000000	

0.0219999999

0.0219999999

tgt_CurrParamComp_Per1_EstR_Ohm_f32.value





Т				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	Innut Value
	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]	0.068999983
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
<pre><_MaxKeRngLmt_VpRadpS_f32</pre>	0.0659999996
<pre><_MaxLdRngLmt_Henry_f32</pre>	0.000300000014
<_MaxLqRngLmt_Henry_f32	0.000280000007
c_MaxRRngLmt_Ohm_f32	0.023
c_MinKeRngLmt_VpRadpS_f32	0.0289999992
C_MinLdRngLmt_Henry_f32	0.000319999992
c_MinLqRngLmt_Henry_f32	0.000230000005
c_MinRRngLmt_Ohm_f32	0.0379999988
C_NomLd_Henry_f32	0.000250000012
<_NomLq_Henry_f32	0.000410000008
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
	22938
2_CurrParamLdSatSclFac_Uls_u2p14[1][6]	
2_CurrParamLdSatSclFac_Uls_u2p14[2][0]	24576 26214
2_CurrParamLdSatSclFac_Uls_u2p14[2][1]	
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 CurrParamLdSatScIFac Uls u2p14[4][4]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830
2 CurrParamLdSatScIFac Uls u2p14[4][6]	11469
2_CurrParamLdSatSclFac Uls u2p14[4][0]	13107
2_CurrParamLdSatScIPac_Uis_u2p14[5][0] 2_CurrParamLdSatScIPac_Uis_u2p14[5][1]	14746
	16384
2_CurrParamLdSatSclFac_Uls_u2p14[5][2]	
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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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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			-10010
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		
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f$	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		
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_AramComp_Per1_AramCom$	mp_f3: tgt_CurrParamComp_Per1_MtrCu	rrDaxRef_Amp_f32	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_AramComp_Per1_MtrCurrQaxAramComp_Per1_MtrCurrQaxAramComp_Per1_MtrCurrQaxAramComp_Per1_MtrCurrQaxAramComp_Per1_MtrCurrQaxAramComp_Per1_MtrCurrQaxAramComp_Per1_MtrCurrQaxAramComp_Per1_MtrCurrQaxAramComp_Per1_MtrCurrQaxAramComp_Per1_MtrCurrQaxAramComp_Per1_MtrCurrQaxAramComp_Per1_MtrCurrQaxAramComp_Per1_MtrCurrQaxAramComp_Per1_MtrCurrQaxAramComp_Per1_MtrCurrQaxAramComp_Per1_MtrCurrQaxAramComp_Per1_MtrCurrQaxAramC$	mp_f3: tgt_CurrParamComp_Per1_MtrCu	rrQaxRef_Amp_f32	
Name	Actual Value	Expected Value	Resul
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	

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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 18022
t2_CurrParamLqSatSclFac_Uls_u2p14[1][3] t2_CurrParamLqSatSclFac_Uls_u2p14[1][4]	19661
t2_CurrParamLqSatSciFac_Uis_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 14746
t2_CurrParamLqSatSclFac_Uls_u2p14[5][1] t2_CurrParamLqSatSclFac_Uls_u2p14[5][2]	16384
t2_CurrParamLqSatSciFac_Uis_u2p14[5][2] t2_CurrParamLqSatSciFac_Uis_u2p14[5][3]	18022
t2_CurrParamLqSatSciFac_Uis_u2p14[5][3] t2_CurrParamLqSatSciFac_Uis_u2p14[5][4]	19661
t2_CurrParamLqSatSclFac_Uls_u2p14[5][5]	21299
t2_CurrParamLqSatSciFac_Uis_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_Curr aramcompoakter_Amp_dapr[5]	
t_CurrParamCompDaxRef_Amp_u9p7[4]	7040

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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_KeSatTblY_Uls_u2p14[14]	4096
t_KeSatTblY_Uls_u2p14[15]	4260
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	155.350006
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	-21.3040009
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3:	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3	1
Nama	Actual Value Paguit

gt_tte_me_pean dramomp.cam dramomp_ren_micoan adviter_tmp_ter gt_our dramomp_ren_micoan adviter_tmp_ter			
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	•

T				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 2.34 (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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Curraramcomp_reri	1 12
Name	Input Value
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
<pre><_MaxKeRngLmt_VpRadpS_f32</pre>	0.0680000037
<pre><_MaxLdRngLmt_Henry_f32</pre>	0.000319999992
_MaxLqRngLmt_Henry_f32	0.000300000014
MaxRRngLmt Ohm f32	0.0250000004
 <hr/> MinKeRngLmt_VpRadpS_f32	0.030999995
MinLdRngLmt_Henry_f32	0.000220000002
 C_MinLqRngLmt_Henry_f32	0.000250000012
C_MinRRngLmt_Ohm_f32	0.039999991
NomLd Henry f32	2,9999992e-005
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
z_CurrParamLdSatScIPac_Uis_uzp14[1][5] 2_CurrParamLdSatScIPac_Uis_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
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_CurrParamLqSatScIFac_UIs_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 Cultralallicy3al3cirac Ois u2p14[2]141	

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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 t_KeSatTblY_Uls_u2p14[11] 14285 14439 t_KeSatTblY_Uls_u2p14[12] t_KeSatTblY_Uls_u2p14[13] 6554 t_KeSatTblY_Uls_u2p14[14] 14606 t_KeSatTblY_Uls_u2p14[15] 16244 tot CurrParamComp Per1 MtrCurrDaxRef Amp f32.value 158.324005 tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value -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

 $tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32$

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_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]	0.0309999995	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	~

T ·				✓
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]	0.0309999995
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
x_MaxKeRngLmt_VpRadpS_f32	0.068999983
C_MaxLdRngLmt_Henry_f32	0.00033000001
MaxLqRngLmt_Henry_f32	0.000310000003
_MaxRngLmt_Ohm_f32	0.0260000005
x_MinKeRngLmt_VpRadpS_f32	0.0320000015
X_MinLdRngLmt_Henry_f32	0.000230000005
_MinLqRngLmt_Henry_f32	0.000260000001
x_MinRRngLmt_Ohm_f32	0.0410000011
_NomLd_Henry_f32	0.000410000008
_NomLq_Henry_f32	4.9999987e-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_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 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

11264

12672

14080

t_KeSatTblX_Amp_u9p7[7]

t_KeSatTblX_Amp_u9p7[8]

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]	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_f32	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

Т				✓
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 11469 13107 14746 16384 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 16384 18022
12_CurrParamLdSatSclFac_Uls_u2p14[1][0] 12_CurrParamLdSatSclFac_Uls_u2p14[1][1] 12_CurrParamLdSatSclFac_Uls_u2p14[1][2] 12_CurrParamLdSatSclFac_Uls_u2p14[1][3] 12_CurrParamLdSatSclFac_Uls_u2p14[1][6] 12_CurrParamLdSatSclFac_Uls_u2p14[1][6] 12_CurrParamLdSatSclFac_Uls_u2p14[1][6] 12_CurrParamLdSatSclFac_Uls_u2p14[2][0] 12_CurrParamLdSatSclFac_Uls_u2p14[2][1] 12_CurrParamLdSatSclFac_Uls_u2p14[2][1] 12_CurrParamLdSatSclFac_Uls_u2p14[2][2] 12_CurrParamLdSatSclFac_Uls_u2p14[2][3] 12_CurrParamLdSatSclFac_Uls_u2p14[2][4] 12_CurrParamLdSatSclFac_Uls_u2p14[2][6] 12_CurrParamLdSatSclFac_Uls_u2p14[2][6] 12_CurrParamLdSatSclFac_Uls_u2p14[3][0] 12_CurrParamLdSatSclFac_Uls_u2p14[3][1] 12_CurrParamLdSatSclFac_Uls_u2p14[3][1] 12_CurrParamLdSatSclFac_Uls_u2p14[3][3] 12_CurrParamLdSatSclFac_Uls_u2p14[3][4] 12_CurrParamLdSatSclFac_Uls_u2p14[3][6] 12_CurrParamLdSatSclFac_Uls_u2p14[3][6] 12_CurrParamLdSatSclFac_Uls_u2p14[4][6] 12_CurrParamLdSatSclFac_Uls_u2p14[4][6] 12_CurrParamLdSatSclFac_Uls_u2p14[4][6] 12_CurrParamLdSatSclFac_Uls_u2p14[4][6] 12_CurrParamLdSatSclFac_Uls_u2p14[4][6] 12_CurrParamLdSatSclFac_Uls_u2p14[6][6] 12_CurrParamLdSatSclFac_Uls_u2p14[6][6] 12_CurrParamLdSatSclFac_Uls_u2p14[5][6]	11469 13107 14746 16384 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 16384
12_CurrParamLdSatSclFac_Uls_u2p14[1][0] 12_CurrParamLdSatSclFac_Uls_u2p14[1][1] 12_CurrParamLdSatSclFac_Uls_u2p14[1][2] 12_CurrParamLdSatSclFac_Uls_u2p14[1][3] 12_CurrParamLdSatSclFac_Uls_u2p14[1][4] 12_CurrParamLdSatSclFac_Uls_u2p14[1][6] 12_CurrParamLdSatSclFac_Uls_u2p14[1][6] 12_CurrParamLdSatSclFac_Uls_u2p14[2][0] 12_CurrParamLdSatSclFac_Uls_u2p14[2][0] 12_CurrParamLdSatSclFac_Uls_u2p14[2][1] 12_CurrParamLdSatSclFac_Uls_u2p14[2][1] 12_CurrParamLdSatSclFac_Uls_u2p14[2][1] 12_CurrParamLdSatSclFac_Uls_u2p14[2][2] 12_CurrParamLdSatSclFac_Uls_u2p14[2][3] 12_CurrParamLdSatSclFac_Uls_u2p14[2][6] 12_CurrParamLdSatSclFac_Uls_u2p14[2][6] 12_CurrParamLdSatSclFac_Uls_u2p14[2][6] 12_CurrParamLdSatSclFac_Uls_u2p14[3][0] 12_CurrParamLdSatSclFac_Uls_u2p14[3][1] 12_CurrParamLdSatSclFac_Uls_u2p14[3][1] 12_CurrParamLdSatSclFac_Uls_u2p14[3][4] 12_CurrParamLdSatSclFac_Uls_u2p14[3][6] 12_CurrParamLdSatSclFac_Uls_u2p14[3][6] 12_CurrParamLdSatSclFac_Uls_u2p14[4][6] 12_CurrParamLdSatSclFac_Uls_u2p14[4][6] 12_CurrParamLdSatSclFac_Uls_u2p14[4][6] 12_CurrParamLdSatSclFac_Uls_u2p14[4][6] 12_CurrParamLdSatSclFac_Uls_u2p14[4][6] 12_CurrParamLdSatSclFac_Uls_u2p14[4][6] 12_CurrParamLdSatSclFac_Uls_u2p14[5][6]	14746 16384 18022 19661 21299 22938 24576 26214 27853 29491 31130 31949 32768 3277 6554 8192 11469 14746 29491 31130 1638 3277 4915 66554 8192 9830 11469 13107 14746 16384
12_CurrParamLdSatSclFac_Uls_u2p14[1][1] 12_CurrParamLdSatSclFac_Uls_u2p14[1][2] 12_CurrParamLdSatSclFac_Uls_u2p14[1][3] 12_CurrParamLdSatSclFac_Uls_u2p14[1][4] 12_CurrParamLdSatSclFac_Uls_u2p14[1][6] 12_CurrParamLdSatSclFac_Uls_u2p14[1][6] 12_CurrParamLdSatSclFac_Uls_u2p14[2][0] 12_CurrParamLdSatSclFac_Uls_u2p14[2][0] 12_CurrParamLdSatSclFac_Uls_u2p14[2][1] 12_CurrParamLdSatSclFac_Uls_u2p14[2][1] 12_CurrParamLdSatSclFac_Uls_u2p14[2][1] 12_CurrParamLdSatSclFac_Uls_u2p14[2][2] 12_CurrParamLdSatSclFac_Uls_u2p14[2][3] 12_CurrParamLdSatSclFac_Uls_u2p14[2][6] 12_CurrParamLdSatSclFac_Uls_u2p14[2][6] 12_CurrParamLdSatSclFac_Uls_u2p14[2][6] 12_CurrParamLdSatSclFac_Uls_u2p14[3][0] 12_CurrParamLdSatSclFac_Uls_u2p14[3][1] 12_CurrParamLdSatSclFac_Uls_u2p14[3][2] 12_CurrParamLdSatSclFac_Uls_u2p14[3][3] 12_CurrParamLdSatSclFac_Uls_u2p14[3][6] 12_CurrParamLdSatSclFac_Uls_u2p14[3][6] 12_CurrParamLdSatSclFac_Uls_u2p14[4][6] 12_CurrParamLdSatSclFac_Uls_u2p14[4][6] 12_CurrParamLdSatSclFac_Uls_u2p14[4][6] 12_CurrParamLdSatSclFac_Uls_u2p14[4][6] 12_CurrParamLdSatSclFac_Uls_u2p14[6][6] 12_CurrParamLdSatSclFac_Uls_u2p14[5][6]	16384 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
12_CurrParamLdSatScIFac_UIs_u2p14[1][2] 12_CurrParamLdSatScIFac_UIs_u2p14[1][3] 12_CurrParamLdSatScIFac_UIs_u2p14[1][4] 12_CurrParamLdSatScIFac_UIs_u2p14[1][6] 12_CurrParamLdSatScIFac_UIs_u2p14[1][6] 12_CurrParamLdSatScIFac_UIs_u2p14[2][0] 12_CurrParamLdSatScIFac_UIs_u2p14[2][1] 12_CurrParamLdSatScIFac_UIs_u2p14[2][1] 12_CurrParamLdSatScIFac_UIs_u2p14[2][2] 12_CurrParamLdSatScIFac_UIs_u2p14[2][3] 12_CurrParamLdSatScIFac_UIs_u2p14[2][4] 12_CurrParamLdSatScIFac_UIs_u2p14[2][6] 12_CurrParamLdSatScIFac_UIs_u2p14[3][6] 12_CurrParamLdSatScIFac_UIs_u2p14[3][1] 12_CurrParamLdSatScIFac_UIs_u2p14[3][2] 12_CurrParamLdSatScIFac_UIs_u2p14[3][3] 12_CurrParamLdSatScIFac_UIs_u2p14[3][4] 12_CurrParamLdSatScIFac_UIs_u2p14[3][6] 12_CurrParamLdSatScIFac_UIs_u2p14[3][6] 12_CurrParamLdSatScIFac_UIs_u2p14[4][0] 12_CurrParamLdSatScIFac_UIs_u2p14[4][1] 12_CurrParamLdSatScIFac_UIs_u2p14[4][1] 12_CurrParamLdSatScIFac_UIs_u2p14[4][1] 12_CurrParamLdSatScIFac_UIs_u2p14[4][1] 12_CurrParamLdSatScIFac_UIs_u2p14[4][6] 12_CurrParamLdSatScIFac_UIs_u2p14[4][6] 12_CurrParamLdSatScIFac_UIs_u2p14[4][6] 12_CurrParamLdSatScIFac_UIs_u2p14[5][6]	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
12_CurrParamLdSatSclFac_UIs_u2p14[1][3] 12_CurrParamLdSatSclFac_UIs_u2p14[1][4] 12_CurrParamLdSatSclFac_UIs_u2p14[1][6] 12_CurrParamLdSatSclFac_UIs_u2p14[1][6] 12_CurrParamLdSatSclFac_UIs_u2p14[2][0] 12_CurrParamLdSatSclFac_UIs_u2p14[2][1] 12_CurrParamLdSatSclFac_UIs_u2p14[2][2] 12_CurrParamLdSatSclFac_UIs_u2p14[2][3] 12_CurrParamLdSatSclFac_UIs_u2p14[2][4] 12_CurrParamLdSatSclFac_UIs_u2p14[2][5] 12_CurrParamLdSatSclFac_UIs_u2p14[2][6] 12_CurrParamLdSatSclFac_UIs_u2p14[2][6] 12_CurrParamLdSatSclFac_UIs_u2p14[3][0] 12_CurrParamLdSatSclFac_UIs_u2p14[3][1] 12_CurrParamLdSatSclFac_UIs_u2p14[3][2] 12_CurrParamLdSatSclFac_UIs_u2p14[3][3] 12_CurrParamLdSatSclFac_UIs_u2p14[3][6] 12_CurrParamLdSatSclFac_UIs_u2p14[3][6] 12_CurrParamLdSatSclFac_UIs_u2p14[4][6] 12_CurrParamLdSatSclFac_UIs_u2p14[4][1] 12_CurrParamLdSatSclFac_UIs_u2p14[4][1] 12_CurrParamLdSatSclFac_UIs_u2p14[4][6] 12_CurrParamLdSatSclFac_UIs_u2p14[4][6] 12_CurrParamLdSatSclFac_UIs_u2p14[4][6] 12_CurrParamLdSatSclFac_UIs_u2p14[6][6]	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
12_CurrParamLdSatSclFac_UIs_u2p14[1][4] 12_CurrParamLdSatSclFac_UIs_u2p14[1][6] 12_CurrParamLdSatSclFac_UIs_u2p14[1][6] 12_CurrParamLdSatSclFac_UIs_u2p14[2][0] 12_CurrParamLdSatSclFac_UIs_u2p14[2][1] 12_CurrParamLdSatSclFac_UIs_u2p14[2][2] 12_CurrParamLdSatSclFac_UIs_u2p14[2][3] 12_CurrParamLdSatSclFac_UIs_u2p14[2][3] 12_CurrParamLdSatSclFac_UIs_u2p14[2][6] 12_CurrParamLdSatSclFac_UIs_u2p14[2][6] 12_CurrParamLdSatSclFac_UIs_u2p14[2][6] 12_CurrParamLdSatSclFac_UIs_u2p14[3][0] 12_CurrParamLdSatSclFac_UIs_u2p14[3][1] 12_CurrParamLdSatSclFac_UIs_u2p14[3][2] 12_CurrParamLdSatSclFac_UIs_u2p14[3][3] 12_CurrParamLdSatSclFac_UIs_u2p14[3][6] 12_CurrParamLdSatSclFac_UIs_u2p14[3][6] 12_CurrParamLdSatSclFac_UIs_u2p14[4][6] 12_CurrParamLdSatSclFac_UIs_u2p14[4][1] 12_CurrParamLdSatSclFac_UIs_u2p14[4][1] 12_CurrParamLdSatSclFac_UIs_u2p14[4][6] 12_CurrParamLdSatSclFac_UIs_u2p14[4][6] 12_CurrParamLdSatSclFac_UIs_u2p14[4][6] 12_CurrParamLdSatSclFac_UIs_u2p14[6][6]	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
12_CurrParamLdSatSclFac_Uls_u2p14[1][5] 12_CurrParamLdSatSclFac_Uls_u2p14[1][6] 12_CurrParamLdSatSclFac_Uls_u2p14[2][0] 12_CurrParamLdSatSclFac_Uls_u2p14[2][1] 12_CurrParamLdSatSclFac_Uls_u2p14[2][1] 12_CurrParamLdSatSclFac_Uls_u2p14[2][3] 12_CurrParamLdSatSclFac_Uls_u2p14[2][3] 12_CurrParamLdSatSclFac_Uls_u2p14[2][4] 12_CurrParamLdSatSclFac_Uls_u2p14[2][6] 12_CurrParamLdSatSclFac_Uls_u2p14[2][6] 12_CurrParamLdSatSclFac_Uls_u2p14[3][0] 12_CurrParamLdSatSclFac_Uls_u2p14[3][1] 12_CurrParamLdSatSclFac_Uls_u2p14[3][2] 12_CurrParamLdSatSclFac_Uls_u2p14[3][3] 12_CurrParamLdSatSclFac_Uls_u2p14[3][4] 12_CurrParamLdSatSclFac_Uls_u2p14[3][6] 12_CurrParamLdSatSclFac_Uls_u2p14[4][6] 12_CurrParamLdSatSclFac_Uls_u2p14[4][1] 12_CurrParamLdSatSclFac_Uls_u2p14[4][1] 12_CurrParamLdSatSclFac_Uls_u2p14[4][1] 12_CurrParamLdSatSclFac_Uls_u2p14[4][6] 12_CurrParamLdSatSclFac_Uls_u2p14[4][6] 12_CurrParamLdSatSclFac_Uls_u2p14[4][6] 12_CurrParamLdSatSclFac_Uls_u2p14[6][6]	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
	22938 24576 26214 27853 29491 31130 31949 32768 3277 6554 8192 11469 14746 29491 31130 11638 3277 4915 6554 8192 9830 11469 13107 14746 16384
12_CurrParamLdSatSclFac_UIs_u2p14[2][0] 12_CurrParamLdSatSclFac_UIs_u2p14[2][1] 12_CurrParamLdSatSclFac_UIs_u2p14[2][2] 12_CurrParamLdSatSclFac_UIs_u2p14[2][3] 12_CurrParamLdSatSclFac_UIs_u2p14[2][4] 12_CurrParamLdSatSclFac_UIs_u2p14[2][6] 12_CurrParamLdSatSclFac_UIs_u2p14[2][6] 12_CurrParamLdSatSclFac_UIs_u2p14[3][0] 12_CurrParamLdSatSclFac_UIs_u2p14[3][1] 12_CurrParamLdSatSclFac_UIs_u2p14[3][2] 12_CurrParamLdSatSclFac_UIs_u2p14[3][3] 12_CurrParamLdSatSclFac_UIs_u2p14[3][4] 12_CurrParamLdSatSclFac_UIs_u2p14[3][6] 12_CurrParamLdSatSclFac_UIs_u2p14[4][6] 12_CurrParamLdSatSclFac_UIs_u2p14[4][6] 12_CurrParamLdSatSclFac_UIs_u2p14[4][6] 12_CurrParamLdSatSclFac_UIs_u2p14[4][6] 12_CurrParamLdSatSclFac_UIs_u2p14[4][6] 12_CurrParamLdSatSclFac_UIs_u2p14[4][6] 12_CurrParamLdSatSclFac_UIs_u2p14[4][6] 12_CurrParamLdSatSclFac_UIs_u2p14[6][6]	24576 26214 27853 29491 31130 31949 32768 3277 6554 8192 11469 14746 29491 31130 11638 3277 4915 6554 8192 9830 11469 13107
12_CurrParamLdSatSclFac_UIs_u2p14[2][1] 12_CurrParamLdSatSclFac_UIs_u2p14[2][2] 12_CurrParamLdSatSclFac_UIs_u2p14[2][3] 12_CurrParamLdSatSclFac_UIs_u2p14[2][4] 12_CurrParamLdSatSclFac_UIs_u2p14[2][6] 12_CurrParamLdSatSclFac_UIs_u2p14[2][6] 12_CurrParamLdSatSclFac_UIs_u2p14[3][0] 12_CurrParamLdSatSclFac_UIs_u2p14[3][1] 12_CurrParamLdSatSclFac_UIs_u2p14[3][1] 12_CurrParamLdSatSclFac_UIs_u2p14[3][2] 12_CurrParamLdSatSclFac_UIs_u2p14[3][3] 12_CurrParamLdSatSclFac_UIs_u2p14[3][4] 12_CurrParamLdSatSclFac_UIs_u2p14[3][6] 12_CurrParamLdSatSclFac_UIs_u2p14[4][6] 12_CurrParamLdSatSclFac_UIs_u2p14[4][1] 12_CurrParamLdSatSclFac_UIs_u2p14[4][1] 12_CurrParamLdSatSclFac_UIs_u2p14[4][6] 12_CurrParamLdSatSclFac_UIs_u2p14[4][6] 12_CurrParamLdSatSclFac_UIs_u2p14[4][6] 12_CurrParamLdSatSclFac_UIs_u2p14[4][6] 12_CurrParamLdSatSclFac_UIs_u2p14[6][6]	26214 27853 29491 31130 31949 32768 3277 6554 8192 11469 14746 29491 31130 1638 3277 4915 6554 8192 9830 11469 13107
12_CurrParamLdSatSclFac_Uls_u2p14[2][2] 12_CurrParamLdSatSclFac_Uls_u2p14[2][3] 12_CurrParamLdSatSclFac_Uls_u2p14[2][4] 12_CurrParamLdSatSclFac_Uls_u2p14[2][5] 12_CurrParamLdSatSclFac_Uls_u2p14[2][6] 12_CurrParamLdSatSclFac_Uls_u2p14[3][0] 12_CurrParamLdSatSclFac_Uls_u2p14[3][1] 12_CurrParamLdSatSclFac_Uls_u2p14[3][1] 12_CurrParamLdSatSclFac_Uls_u2p14[3][2] 12_CurrParamLdSatSclFac_Uls_u2p14[3][3] 12_CurrParamLdSatSclFac_Uls_u2p14[3][4] 12_CurrParamLdSatSclFac_Uls_u2p14[3][6] 12_CurrParamLdSatSclFac_Uls_u2p14[3][6] 12_CurrParamLdSatSclFac_Uls_u2p14[4][0] 12_CurrParamLdSatSclFac_Uls_u2p14[4][1] 12_CurrParamLdSatSclFac_Uls_u2p14[4][1] 12_CurrParamLdSatSclFac_Uls_u2p14[4][1] 12_CurrParamLdSatSclFac_Uls_u2p14[4][6] 12_CurrParamLdSatSclFac_Uls_u2p14[4][6] 12_CurrParamLdSatSclFac_Uls_u2p14[6][6] 12_CurrParamLdSatSclFac_Uls_u2p14[5][1] 12_CurrParamLdSatSclFac_Uls_u2p14[5][1] 12_CurrParamLdSatSclFac_Uls_u2p14[5][2] 12_CurrParamLdSatSclFac_Uls_u2p14[5][3] 12_CurrParamLdSatSclFac_Uls_u2p14[5][6]	27853 29491 31130 31949 32768 3277 6554 8192 11469 14746 29491 31130 1638 3277 4915 6554 8192 9830 11469 13107
12_CurrParamLdSatSciFac_Uis_u2p14[2][3] 12_CurrParamLdSatSciFac_Uis_u2p14[2][4] 12_CurrParamLdSatSciFac_Uis_u2p14[2][5] 12_CurrParamLdSatSciFac_Uis_u2p14[2][6] 12_CurrParamLdSatSciFac_Uis_u2p14[3][0] 12_CurrParamLdSatSciFac_Uis_u2p14[3][1] 12_CurrParamLdSatSciFac_Uis_u2p14[3][2] 12_CurrParamLdSatSciFac_Uis_u2p14[3][3] 12_CurrParamLdSatSciFac_Uis_u2p14[3][4] 12_CurrParamLdSatSciFac_Uis_u2p14[3][5] 12_CurrParamLdSatSciFac_Uis_u2p14[3][6] 12_CurrParamLdSatSciFac_Uis_u2p14[4][0] 12_CurrParamLdSatSciFac_Uis_u2p14[4][0] 12_CurrParamLdSatSciFac_Uis_u2p14[4][1] 12_CurrParamLdSatSciFac_Uis_u2p14[4][1] 12_CurrParamLdSatSciFac_Uis_u2p14[4][4] 12_CurrParamLdSatSciFac_Uis_u2p14[4][6] 12_CurrParamLdSatSciFac_Uis_u2p14[6][6] 12_CurrParamLdSatSciFac_Uis_u2p14[6][1] 12_CurrParamLdSatSciFac_Uis_u2p14[6][1] 12_CurrParamLdSatSciFac_Uis_u2p14[5][1] 12_CurrParamLdSatSciFac_Uis_u2p14[5][2] 12_CurrParamLdSatSciFac_Uis_u2p14[5][3] 12_CurrParamLdSatSciFac_Uis_u2p14[5][6]	29491 31130 31949 32768 3277 6554 8192 11469 14746 29491 31130 1638 3277 4915 6554 8192 9830 11469 13107 14746 16384
12_CurrParamLdSatSclFac_Uls_u2p14[2][4] 12_CurrParamLdSatSclFac_Uls_u2p14[2][5] 12_CurrParamLdSatSclFac_Uls_u2p14[2][6] 12_CurrParamLdSatSclFac_Uls_u2p14[3][0] 12_CurrParamLdSatSclFac_Uls_u2p14[3][1] 12_CurrParamLdSatSclFac_Uls_u2p14[3][2] 12_CurrParamLdSatSclFac_Uls_u2p14[3][3] 12_CurrParamLdSatSclFac_Uls_u2p14[3][4] 12_CurrParamLdSatSclFac_Uls_u2p14[3][5] 12_CurrParamLdSatSclFac_Uls_u2p14[3][6] 12_CurrParamLdSatSclFac_Uls_u2p14[4][0] 12_CurrParamLdSatSclFac_Uls_u2p14[4][1] 12_CurrParamLdSatSclFac_Uls_u2p14[4][1] 12_CurrParamLdSatSclFac_Uls_u2p14[4][1] 12_CurrParamLdSatSclFac_Uls_u2p14[4][1] 12_CurrParamLdSatSclFac_Uls_u2p14[4][6] 12_CurrParamLdSatSclFac_Uls_u2p14[4][6] 12_CurrParamLdSatSclFac_Uls_u2p14[6][6] 12_CurrParamLdSatSclFac_Uls_u2p14[5][6]	31130 31949 32768 3277 6554 8192 11469 14746 29491 31130 1638 3277 4915 6554 8192 9830 11469 13107 14746 16384
12_CurrParamLdSatSclFac_Uls_u2p14[2][5] 12_CurrParamLdSatSclFac_Uls_u2p14[2][6] 12_CurrParamLdSatSclFac_Uls_u2p14[3][0] 12_CurrParamLdSatSclFac_Uls_u2p14[3][1] 12_CurrParamLdSatSclFac_Uls_u2p14[3][2] 12_CurrParamLdSatSclFac_Uls_u2p14[3][3] 12_CurrParamLdSatSclFac_Uls_u2p14[3][4] 12_CurrParamLdSatSclFac_Uls_u2p14[3][6] 12_CurrParamLdSatSclFac_Uls_u2p14[4][6] 12_CurrParamLdSatSclFac_Uls_u2p14[4][6] 12_CurrParamLdSatSclFac_Uls_u2p14[4][7] 12_CurrParamLdSatSclFac_Uls_u2p14[4][7] 12_CurrParamLdSatSclFac_Uls_u2p14[4][7] 12_CurrParamLdSatSclFac_Uls_u2p14[4][7] 12_CurrParamLdSatSclFac_Uls_u2p14[4][7] 12_CurrParamLdSatSclFac_Uls_u2p14[4][7] 12_CurrParamLdSatSclFac_Uls_u2p14[4][7] 12_CurrParamLdSatSclFac_Uls_u2p14[7][7]	31949 32768 3277 6554 8192 11469 14746 29491 31130 1638 3277 4915 6554 8192 9830 11469 13107 14746
C_CurrParamLdSatSclFac_Uls_u2p14[2][6] C_CurrParamLdSatSclFac_Uls_u2p14[3][0] C_CurrParamLdSatSclFac_Uls_u2p14[3][1] C_CurrParamLdSatSclFac_Uls_u2p14[3][2] C_CurrParamLdSatSclFac_Uls_u2p14[3][2] C_CurrParamLdSatSclFac_Uls_u2p14[3][3] C_CurrParamLdSatSclFac_Uls_u2p14[3][4] C_CurrParamLdSatSclFac_Uls_u2p14[3][6] C_CurrParamLdSatSclFac_Uls_u2p14[4][6] C_CurrParamLdSatSclFac_Uls_u2p14[4][6] C_CurrParamLdSatSclFac_Uls_u2p14[4][6] C_CurrParamLdSatSclFac_Uls_u2p14[4][6] C_CurrParamLdSatSclFac_Uls_u2p14[4][6] C_CurrParamLdSatSclFac_Uls_u2p14[4][6] C_CurrParamLdSatSclFac_Uls_u2p14[4][6] C_CurrParamLdSatSclFac_Uls_u2p14[4][6] C_CurrParamLdSatSclFac_Uls_u2p14[6][6] C_CurrParamLdSatSclFac_Uls_u2p14[6]	32768 3277 6554 8192 11469 14746 29491 31130 1638 3277 4915 6554 8192 9830 11469 13107 14746
2_CurrParamLdSatSclFac_Uls_u2p14[3][0] 2_CurrParamLdSatSclFac_Uls_u2p14[3][1] 2_CurrParamLdSatSclFac_Uls_u2p14[3][2] 2_CurrParamLdSatSclFac_Uls_u2p14[3][3] 2_CurrParamLdSatSclFac_Uls_u2p14[3][4] 2_CurrParamLdSatSclFac_Uls_u2p14[3][6] 2_CurrParamLdSatSclFac_Uls_u2p14[4][0] 2_CurrParamLdSatSclFac_Uls_u2p14[4][0] 2_CurrParamLdSatSclFac_Uls_u2p14[4][1] 2_CurrParamLdSatSclFac_Uls_u2p14[4][2] 2_CurrParamLdSatSclFac_Uls_u2p14[4][3] 2_CurrParamLdSatSclFac_Uls_u2p14[4][4] 2_CurrParamLdSatSclFac_Uls_u2p14[4][5] 2_CurrParamLdSatSclFac_Uls_u2p14[4][6] 2_CurrParamLdSatSclFac_Uls_u2p14[6][0] 2_CurrParamLdSatSclFac_Uls_u2p14[5][1] 2_CurrParamLdSatSclFac_Uls_u2p14[5][1] 2_CurrParamLdSatSclFac_Uls_u2p14[5][3] 2_CurrParamLdSatSclFac_Uls_u2p14[5][4] 2_CurrParamLdSatSclFac_Uls_u2p14[5][5] 2_CurrParamLdSatSclFac_Uls_u2p14[5][6] 2_CurrParamLdSatSclFac_Uls_u2p14[5][6] 2_CurrParamLdSatSclFac_Uls_u2p14[5][6] 2_CurrParamLdSatSclFac_Uls_u2p14[5][6] 2_CurrParamLdSatSclFac_Uls_u2p14[6][6] 2_CurrParamLdSatSclFac_Uls_u2p14[6][6] 2_CurrParamLdSatSclFac_Uls_u2p14[6][6] 2_CurrParamLdSatSclFac_Uls_u2p14[6][6] 2_CurrParamLdSatSclFac_Uls_u2p14[6][6] 2_CurrParamLdSatSclFac_Uls_u2p14[6][6] 2_CurrParamLdSatSclFac_Uls_u2p14[6][6]	3277 6554 8192 11469 14746 29491 31130 1638 3277 4915 6554 8192 9830 11469 13107 14746
2_CurrParamLdSatSclFac_Uls_u2p14[3][1] 2_CurrParamLdSatSclFac_Uls_u2p14[3][2] 2_CurrParamLdSatSclFac_Uls_u2p14[3][3] 2_CurrParamLdSatSclFac_Uls_u2p14[3][4] 2_CurrParamLdSatSclFac_Uls_u2p14[3][5] 2_CurrParamLdSatSclFac_Uls_u2p14[3][6] 2_CurrParamLdSatSclFac_Uls_u2p14[4][0] 2_CurrParamLdSatSclFac_Uls_u2p14[4][1] 2_CurrParamLdSatSclFac_Uls_u2p14[4][2] 2_CurrParamLdSatSclFac_Uls_u2p14[4][3] 2_CurrParamLdSatSclFac_Uls_u2p14[4][4] 2_CurrParamLdSatSclFac_Uls_u2p14[4][5] 2_CurrParamLdSatSclFac_Uls_u2p14[4][6] 2_CurrParamLdSatSclFac_Uls_u2p14[6][6] 2_CurrParamLdSatSclFac_Uls_u2p14[5][1] 2_CurrParamLdSatSclFac_Uls_u2p14[5][1] 2_CurrParamLdSatSclFac_Uls_u2p14[5][2] 2_CurrParamLdSatSclFac_Uls_u2p14[5][3] 2_CurrParamLdSatSclFac_Uls_u2p14[5][4] 2_CurrParamLdSatSclFac_Uls_u2p14[5][5] 2_CurrParamLdSatSclFac_Uls_u2p14[5][6] 2_CurrParamLdSatSclFac_Uls_u2p14[5][6] 2_CurrParamLdSatSclFac_Uls_u2p14[5][6] 2_CurrParamLdSatSclFac_Uls_u2p14[6][6] 2_CurrParamLdSatSclFac_Uls_u2p14[6][6] 2_CurrParamLdSatSclFac_Uls_u2p14[6][6] 2_CurrParamLdSatSclFac_Uls_u2p14[6][6] 2_CurrParamLdSatSclFac_Uls_u2p14[6][6] 2_CurrParamLdSatSclFac_Uls_u2p14[6][6] 2_CurrParamLdSatSclFac_Uls_u2p14[6][6] 2_CurrParamLdSatSclFac_Uls_u2p14[6][6]	6554 8192 11469 14746 29491 31130 1638 3277 4915 6554 8192 9830 11469 13107 14746
2 CurrParamLdSatSclFac_Uls_u2p14[3][2] 2 CurrParamLdSatSclFac_Uls_u2p14[3][3] 2 CurrParamLdSatSclFac_Uls_u2p14[3][4] 2 CurrParamLdSatSclFac_Uls_u2p14[3][5] 2 CurrParamLdSatSclFac_Uls_u2p14[3][6] 2 CurrParamLdSatSclFac_Uls_u2p14[4][0] 2 CurrParamLdSatSclFac_Uls_u2p14[4][1] 2 CurrParamLdSatSclFac_Uls_u2p14[4][2] 2 CurrParamLdSatSclFac_Uls_u2p14[4][3] 2 CurrParamLdSatSclFac_Uls_u2p14[4][4] 2 CurrParamLdSatSclFac_Uls_u2p14[4][5] 2 CurrParamLdSatSclFac_Uls_u2p14[4][6] 2 CurrParamLdSatSclFac_Uls_u2p14[6][6] 2 CurrParamLdSatSclFac_Uls_u2p14[5][1] 2 CurrParamLdSatSclFac_Uls_u2p14[5][1] 2 CurrParamLdSatSclFac_Uls_u2p14[5][2] 2 CurrParamLdSatSclFac_Uls_u2p14[5][3] 2 CurrParamLdSatSclFac_Uls_u2p14[5][4] 2 CurrParamLdSatSclFac_Uls_u2p14[5][5] 2 CurrParamLdSatSclFac_Uls_u2p14[5][6] 2 CurrParamLdSatSclFac_Uls_u2p14[5][6] 2 CurrParamLdSatSclFac_Uls_u2p14[5][6] 2 CurrParamLdSatSclFac_Uls_u2p14[6][6] 2 CurrParamLdSatSclFac_Uls_u2p14[6][6] 2 CurrParamLdSatSclFac_Uls_u2p14[6][6] 2 CurrParamLdSatSclFac_Uls_u2p14[6][6] 2 CurrParamLdSatSclFac_Uls_u2p14[6][6]	8192 11469 14746 29491 31130 1638 3277 4915 6554 8192 9830 11469 13107 14746
2_CurrParamLdSatSclFac_Uls_u2p14[3][3] 2_CurrParamLdSatSclFac_Uls_u2p14[3][4] 2_CurrParamLdSatSclFac_Uls_u2p14[3][5] 2_CurrParamLdSatSclFac_Uls_u2p14[3][6] 2_CurrParamLdSatSclFac_Uls_u2p14[4][0] 2_CurrParamLdSatSclFac_Uls_u2p14[4][1] 2_CurrParamLdSatSclFac_Uls_u2p14[4][2] 2_CurrParamLdSatSclFac_Uls_u2p14[4][3] 2_CurrParamLdSatSclFac_Uls_u2p14[4][4] 2_CurrParamLdSatSclFac_Uls_u2p14[4][5] 2_CurrParamLdSatSclFac_Uls_u2p14[4][6] 2_CurrParamLdSatSclFac_Uls_u2p14[6][0] 2_CurrParamLdSatSclFac_Uls_u2p14[5][0] 2_CurrParamLdSatSclFac_Uls_u2p14[5][1] 2_CurrParamLdSatSclFac_Uls_u2p14[5][2] 2_CurrParamLdSatSclFac_Uls_u2p14[5][2] 2_CurrParamLdSatSclFac_Uls_u2p14[5][4] 2_CurrParamLdSatSclFac_Uls_u2p14[5][4] 2_CurrParamLdSatSclFac_Uls_u2p14[5][6] 2_CurrParamLdSatSclFac_Uls_u2p14[5][6] 2_CurrParamLdSatSclFac_Uls_u2p14[5][6] 2_CurrParamLdSatSclFac_Uls_u2p14[6][6] 2_CurrParamLdSatSclFac_Uls_u2p14[6][6] 2_CurrParamLdSatSclFac_Uls_u2p14[6][6] 2_CurrParamLdSatSclFac_Uls_u2p14[6][6]	11469 14746 29491 31130 1638 3277 4915 6554 8192 9830 11469 13107 14746
2_CurrParamLdSatSclFac_Uls_u2p14[3][4] 2_CurrParamLdSatSclFac_Uls_u2p14[3][5] 2_CurrParamLdSatSclFac_Uls_u2p14[3][6] 2_CurrParamLdSatSclFac_Uls_u2p14[4][0] 2_CurrParamLdSatSclFac_Uls_u2p14[4][1] 2_CurrParamLdSatSclFac_Uls_u2p14[4][2] 2_CurrParamLdSatSclFac_Uls_u2p14[4][3] 2_CurrParamLdSatSclFac_Uls_u2p14[4][4] 2_CurrParamLdSatSclFac_Uls_u2p14[4][5] 2_CurrParamLdSatSclFac_Uls_u2p14[4][6] 2_CurrParamLdSatSclFac_Uls_u2p14[6][0] 2_CurrParamLdSatSclFac_Uls_u2p14[5][0] 2_CurrParamLdSatSclFac_Uls_u2p14[5][1] 2_CurrParamLdSatSclFac_Uls_u2p14[5][2] 2_CurrParamLdSatSclFac_Uls_u2p14[5][2] 2_CurrParamLdSatSclFac_Uls_u2p14[5][3] 2_CurrParamLdSatSclFac_Uls_u2p14[5][4] 2_CurrParamLdSatSclFac_Uls_u2p14[5][5] 2_CurrParamLdSatSclFac_Uls_u2p14[5][6] 2_CurrParamLdSatSclFac_Uls_u2p14[6][6] 2_CurrParamLdSatSclFac_Uls_u2p14[6][6] 2_CurrParamLdSatSclFac_Uls_u2p14[6][6]	14746 29491 31130 1638 3277 4915 6554 8192 9830 11469 13107 14746
2_CurrParamLdSatSclFac_Uls_u2p14[3][5] 2_CurrParamLdSatSclFac_Uls_u2p14[3][6] 2_CurrParamLdSatSclFac_Uls_u2p14[4][0] 2_CurrParamLdSatSclFac_Uls_u2p14[4][1] 2_CurrParamLdSatSclFac_Uls_u2p14[4][2] 2_CurrParamLdSatSclFac_Uls_u2p14[4][3] 2_CurrParamLdSatSclFac_Uls_u2p14[4][4] 2_CurrParamLdSatSclFac_Uls_u2p14[4][5] 2_CurrParamLdSatSclFac_Uls_u2p14[4][6] 2_CurrParamLdSatSclFac_Uls_u2p14[5][0] 2_CurrParamLdSatSclFac_Uls_u2p14[5][1] 2_CurrParamLdSatSclFac_Uls_u2p14[5][1] 2_CurrParamLdSatSclFac_Uls_u2p14[5][2] 2_CurrParamLdSatSclFac_Uls_u2p14[5][3] 2_CurrParamLdSatSclFac_Uls_u2p14[5][4] 2_CurrParamLdSatSclFac_Uls_u2p14[5][5] 2_CurrParamLdSatSclFac_Uls_u2p14[5][6] 2_CurrParamLdSatSclFac_Uls_u2p14[5][6] 2_CurrParamLdSatSclFac_Uls_u2p14[5][6] 2_CurrParamLdSatSclFac_Uls_u2p14[5][6] 2_CurrParamLdSatSclFac_Uls_u2p14[5][6] 2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	29491 31130 1638 3277 4915 6554 8192 9830 11469 13107 14746
2_CurrParamLdSatSclFac_Uls_u2p14[3][6] 2_CurrParamLdSatSclFac_Uls_u2p14[4][0] 2_CurrParamLdSatSclFac_Uls_u2p14[4][1] 2_CurrParamLdSatSclFac_Uls_u2p14[4][2] 2_CurrParamLdSatSclFac_Uls_u2p14[4][3] 2_CurrParamLdSatSclFac_Uls_u2p14[4][4] 2_CurrParamLdSatSclFac_Uls_u2p14[4][5] 2_CurrParamLdSatSclFac_Uls_u2p14[4][6] 2_CurrParamLdSatSclFac_Uls_u2p14[5][0] 2_CurrParamLdSatSclFac_Uls_u2p14[5][1] 2_CurrParamLdSatSclFac_Uls_u2p14[5][1] 2_CurrParamLdSatSclFac_Uls_u2p14[5][2] 2_CurrParamLdSatSclFac_Uls_u2p14[5][3] 2_CurrParamLdSatSclFac_Uls_u2p14[5][4] 2_CurrParamLdSatSclFac_Uls_u2p14[5][5] 2_CurrParamLdSatSclFac_Uls_u2p14[5][6] 2_CurrParamLdSatSclFac_Uls_u2p14[5][6] 2_CurrParamLdSatSclFac_Uls_u2p14[5][6] 2_CurrParamLdSatSclFac_Uls_u2p14[5][6] 2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	31130 1638 3277 4915 6554 8192 9830 11469 13107 14746
2_CurrParamLdSatSclFac_Uls_u2p14[3][6] 2_CurrParamLdSatSclFac_Uls_u2p14[4][0] 2_CurrParamLdSatSclFac_Uls_u2p14[4][1] 2_CurrParamLdSatSclFac_Uls_u2p14[4][2] 2_CurrParamLdSatSclFac_Uls_u2p14[4][3] 2_CurrParamLdSatSclFac_Uls_u2p14[4][4] 2_CurrParamLdSatSclFac_Uls_u2p14[4][5] 2_CurrParamLdSatSclFac_Uls_u2p14[4][6] 2_CurrParamLdSatSclFac_Uls_u2p14[5][0] 2_CurrParamLdSatSclFac_Uls_u2p14[5][1] 2_CurrParamLdSatSclFac_Uls_u2p14[5][1] 2_CurrParamLdSatSclFac_Uls_u2p14[5][2] 2_CurrParamLdSatSclFac_Uls_u2p14[5][3] 2_CurrParamLdSatSclFac_Uls_u2p14[5][4] 2_CurrParamLdSatSclFac_Uls_u2p14[5][5] 2_CurrParamLdSatSclFac_Uls_u2p14[5][6] 2_CurrParamLdSatSclFac_Uls_u2p14[5][6] 2_CurrParamLdSatSclFac_Uls_u2p14[5][6] 2_CurrParamLdSatSclFac_Uls_u2p14[5][6] 2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	31130 1638 3277 4915 6554 8192 9830 11469 13107 14746
2_CurrParamLdSatSciFac_Uls_u2p14[4][0] 2_CurrParamLdSatSciFac_Uls_u2p14[4][1] 2_CurrParamLdSatSciFac_Uls_u2p14[4][2] 2_CurrParamLdSatSciFac_Uls_u2p14[4][3] 2_CurrParamLdSatSciFac_Uls_u2p14[4][4] 2_CurrParamLdSatSciFac_Uls_u2p14[4][5] 2_CurrParamLdSatSciFac_Uls_u2p14[4][6] 2_CurrParamLdSatSciFac_Uls_u2p14[5][0] 2_CurrParamLdSatSciFac_Uls_u2p14[5][1] 2_CurrParamLdSatSciFac_Uls_u2p14[5][2] 2_CurrParamLdSatSciFac_Uls_u2p14[5][3] 2_CurrParamLdSatSciFac_Uls_u2p14[5][4] 2_CurrParamLdSatSciFac_Uls_u2p14[5][4] 2_CurrParamLdSatSciFac_Uls_u2p14[5][5] 2_CurrParamLdSatSciFac_Uls_u2p14[5][6] 2_CurrParamLdSatSciFac_Uls_u2p14[5][6] 2_CurrParamLdSatSciFac_Uls_u2p14[5][6] 2_CurrParamLdSatSciFac_Uls_u2p14[5][6] 2_CurrParamLdSatSciFac_Uls_u2p14[0][0]	1638 3277 4915 6554 8192 9830 11469 13107 14746
2_CurrParamLdSatSclFac_Uls_u2p14[4][1] 2_CurrParamLdSatSclFac_Uls_u2p14[4][2] 2_CurrParamLdSatSclFac_Uls_u2p14[4][3] 2_CurrParamLdSatSclFac_Uls_u2p14[4][4] 2_CurrParamLdSatSclFac_Uls_u2p14[4][5] 2_CurrParamLdSatSclFac_Uls_u2p14[4][6] 2_CurrParamLdSatSclFac_Uls_u2p14[5][0] 2_CurrParamLdSatSclFac_Uls_u2p14[5][1] 2_CurrParamLdSatSclFac_Uls_u2p14[5][2] 2_CurrParamLdSatSclFac_Uls_u2p14[5][2] 2_CurrParamLdSatSclFac_Uls_u2p14[5][3] 2_CurrParamLdSatSclFac_Uls_u2p14[5][4] 2_CurrParamLdSatSclFac_Uls_u2p14[5][5] 2_CurrParamLdSatSclFac_Uls_u2p14[5][6] 2_CurrParamLdSatSclFac_Uls_u2p14[5][6] 2_CurrParamLdSatSclFac_Uls_u2p14[6][6] 2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	3277 4915 6554 8192 9830 11469 13107 14746
2_CurrParamLdSatSclFac_Uls_u2p14[4][2] 2_CurrParamLdSatSclFac_Uls_u2p14[4][3] 2_CurrParamLdSatSclFac_Uls_u2p14[4][4] 2_CurrParamLdSatSclFac_Uls_u2p14[4][5] 2_CurrParamLdSatSclFac_Uls_u2p14[4][6] 2_CurrParamLdSatSclFac_Uls_u2p14[5][0] 2_CurrParamLdSatSclFac_Uls_u2p14[5][1] 2_CurrParamLdSatSclFac_Uls_u2p14[5][2] 2_CurrParamLdSatSclFac_Uls_u2p14[5][2] 2_CurrParamLdSatSclFac_Uls_u2p14[5][3] 2_CurrParamLdSatSclFac_Uls_u2p14[5][4] 2_CurrParamLdSatSclFac_Uls_u2p14[5][5] 2_CurrParamLdSatSclFac_Uls_u2p14[5][6] 2_CurrParamLdSatSclFac_Uls_u2p14[5][6] 2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	4915 6554 8192 9830 11469 13107 14746
2_CurrParamLdSatSclFac_Uls_u2p14[4][3] 2_CurrParamLdSatSclFac_Uls_u2p14[4][4] 2_CurrParamLdSatSclFac_Uls_u2p14[4][5] 2_CurrParamLdSatSclFac_Uls_u2p14[4][6] 2_CurrParamLdSatSclFac_Uls_u2p14[5][0] 2_CurrParamLdSatSclFac_Uls_u2p14[5][1] 2_CurrParamLdSatSclFac_Uls_u2p14[5][2] 2_CurrParamLdSatSclFac_Uls_u2p14[5][3] 2_CurrParamLdSatSclFac_Uls_u2p14[5][4] 2_CurrParamLdSatSclFac_Uls_u2p14[5][4] 2_CurrParamLdSatSclFac_Uls_u2p14[5][5] 2_CurrParamLdSatSclFac_Uls_u2p14[5][6] 2_CurrParamLdSatSclFac_Uls_u2p14[5][6] 2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	6554 8192 9830 11469 13107 14746
2_CurrParamLdSatSclFac_Uls_u2p14[4][4] 2_CurrParamLdSatSclFac_Uls_u2p14[4][5] 2_CurrParamLdSatSclFac_Uls_u2p14[4][6] 2_CurrParamLdSatSclFac_Uls_u2p14[5][0] 2_CurrParamLdSatSclFac_Uls_u2p14[5][1] 2_CurrParamLdSatSclFac_Uls_u2p14[5][2] 2_CurrParamLdSatSclFac_Uls_u2p14[5][3] 2_CurrParamLdSatSclFac_Uls_u2p14[5][4] 2_CurrParamLdSatSclFac_Uls_u2p14[5][5] 2_CurrParamLdSatSclFac_Uls_u2p14[5][6] 2_CurrParamLdSatSclFac_Uls_u2p14[5][6] 2_CurrParamLdSatSclFac_Uls_u2p14[6][6] 2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	8192 9830 11469 13107 14746 16384
2_CurrParamLdSatSclFac_Uls_u2p14[4][5] 2_CurrParamLdSatSclFac_Uls_u2p14[4][6] 2_CurrParamLdSatSclFac_Uls_u2p14[5][0] 2_CurrParamLdSatSclFac_Uls_u2p14[5][1] 2_CurrParamLdSatSclFac_Uls_u2p14[5][2] 2_CurrParamLdSatSclFac_Uls_u2p14[5][3] 2_CurrParamLdSatSclFac_Uls_u2p14[5][4] 2_CurrParamLdSatSclFac_Uls_u2p14[5][5] 2_CurrParamLdSatSclFac_Uls_u2p14[5][6] 2_CurrParamLdSatSclFac_Uls_u2p14[5][6] 2_CurrParamLdSatSclFac_Uls_u2p14[5][6] 2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	9830 11469 13107 14746 16384
2_CurrParamLdSatSciFac_Uls_u2p14[4][6] 2_CurrParamLdSatSciFac_Uls_u2p14[5][0] 2_CurrParamLdSatSciFac_Uls_u2p14[5][1] 2_CurrParamLdSatSciFac_Uls_u2p14[5][2] 2_CurrParamLdSatSciFac_Uls_u2p14[5][3] 2_CurrParamLdSatSciFac_Uls_u2p14[5][4] 2_CurrParamLdSatSciFac_Uls_u2p14[5][5] 2_CurrParamLdSatSciFac_Uls_u2p14[5][6] 2_CurrParamLdSatSciFac_Uls_u2p14[5][6] 2_CurrParamLdSatSciFac_Uls_u2p14[6][6] 2_CurrParamLqSatSciFac_Uls_u2p14[0][0]	11469 13107 14746 16384
2_CurrParamLdSatSclFac_Uls_u2p14[5][0] 2_CurrParamLdSatSclFac_Uls_u2p14[5][1] 2_CurrParamLdSatSclFac_Uls_u2p14[5][2] 2_CurrParamLdSatSclFac_Uls_u2p14[5][3] 2_CurrParamLdSatSclFac_Uls_u2p14[5][4] 2_CurrParamLdSatSclFac_Uls_u2p14[5][5] 2_CurrParamLdSatSclFac_Uls_u2p14[5][6] 2_CurrParamLdSatSclFac_Uls_u2p14[5][6] 2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	13107 14746 16384
2_CurrParamLdSatSclFac_Uls_u2p14[5][1] 2_CurrParamLdSatSclFac_Uls_u2p14[5][2] 2_CurrParamLdSatSclFac_Uls_u2p14[5][3] 2_CurrParamLdSatSclFac_Uls_u2p14[5][4] 2_CurrParamLdSatSclFac_Uls_u2p14[5][5] 2_CurrParamLdSatSclFac_Uls_u2p14[5][6] 2_CurrParamLdSatSclFac_Uls_u2p14[6][6] 2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	14746 16384
2_CurrParamLdSatSclFac_Uls_u2p14[5][2] 2_CurrParamLdSatSclFac_Uls_u2p14[5][3] 2_CurrParamLdSatSclFac_Uls_u2p14[5][4] 2_CurrParamLdSatSclFac_Uls_u2p14[5][5] 2_CurrParamLdSatSclFac_Uls_u2p14[5][6] 2_CurrParamLdSatSclFac_Uls_u2p14[5][6] 2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	16384
2_CurrParamLdSatScIFac_Uls_u2p14[5][3] 2_CurrParamLdSatScIFac_Uls_u2p14[5][4] 2_CurrParamLdSatScIFac_Uls_u2p14[5][5] 2_CurrParamLdSatScIFac_Uls_u2p14[5][6] 2_CurrParamLqSatScIFac_Uls_u2p14[0][0]	
2_CurrParamLdSatScIFac_UIs_u2p14[5][4] 2_CurrParamLdSatScIFac_UIs_u2p14[5][5] 2_CurrParamLdSatScIFac_UIs_u2p14[5][6] 2_CurrParamLqSatScIFac_UIs_u2p14[0][0]	18022
2_CurrParamLdSatSclFac_Uls_u2p14[5][5] 2_CurrParamLdSatSclFac_Uls_u2p14[5][6] 2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	
2_CurrParamLdSatSclFac_Uls_u2p14[5][6] 2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	19661
2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	21299
2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	22938
	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_CurrParamLqSatScIFac_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
P_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_CurrParamLqSatSciFac_Uls_u2p14[4][4]	8192
	9830
2_CurrParamLqSatSclFac_Uls_u2p14[4][5]	
2_CurrParamLqSatSclFac_Uls_u2p14[4][6]	11469
:2_CurrParamLqSatSclFac_Uls_u2p14[5][0] :2_CurrParamLqSatSclFac_Uls_u2p14[5][1]	13107 14746

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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		
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]	9856		
t_CurrParamCompQaxRef_Amp_u9p7[6]			
t_KeSatTblX_Amp_u9p7[0]	640 1920		
t_KeSatTblX_Amp_u9p7[1]	3200		
t_KeSatTblX_Amp_u9p7[2]	4480		
t_KeSatTblX_Amp_u9p7[3] 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_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]	2130		
t_KeSatTblY_Uls_u2p14[1]	2294		
t_KeSatTblY_Uls_u2p14[2]	2458		
t_KeSatTblY_Uls_u2p14[3]	1966		
t_KeSatTblY_Uls_u2p14[4]	2785		
t_KeSatTblY_Uls_u2p14[5]	2949		
t_KeSatTblY_Uls_u2p14[6]	3113		
t_KeSatTblY_Uls_u2p14[7]	3277		
t_KeSatTblY_Uls_u2p14[8]	2621		
t_KeSatTblY_Uls_u2p14[9]	3441		
t_KeSatTblY_Uls_u2p14[10]	1802		
t_KeSatTblY_Uls_u2p14[11]	3604		
t_KeSatTblY_Uls_u2p14[12]	3768		
t_KeSatTblY_Uls_u2p14[13]	3932		
t_KeSatTblY_Uls_u2p14[14]	4096		
t_KeSatTblY_Uls_u2p14[15]	4260		
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	164.272003		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	-26.6739998 tgt CurrParamComp Per1 EstKe VpRadpS	: f22	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32 tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstKe_vpRadpS 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_EstLq_Herity_132	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
	1	1	Result
FastDataAccessBufIndex_Cnt_M_u16 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	0.00239999994 ± 0.0000000009	
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000259999999	0.0002535359594 1 0.0000000000 0.00026999999 ± 0.0625	•
test Currenceme Come Devil FetD Ohm 622 value	0.007000007	0.0070000007	

0.0270000007

0.0270000007

tgt_CurrParamComp_Per1_EstR_Ohm_f32.value





T				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	~

Nama	Input Value
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.057
EstRFF_Ohm_M_f32 FastDataAccessBufIndex Cnt M u16	0.0557856001
	0.0430000015
MtrEstKe_VpRadpS_M_f32[0]	
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	0.00349999988
k_MaxLqRngLmt_Henry_f32	0.00033000001
k_MaxRRngLmt_Ohm_f32	0.0280000009
k_MinKeRngLmt_VpRadpS_f32	0.0250000004
k_MinLdRngLmt_Henry_f32	0.000250000012
k_MinLqRngLmt_Henry_f32	0.000280000007
k_MinRRngLmt_Ohm_f32	0.0430000015
k_NomLd_Henry_f32	0.000220000002
k_NomLq_Henry_f32	7.00000019e-005
t2_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 CurrParamLdSatScIFac UIs u2p14[4][0]	1638
2_CurrParamLdSatSclFac_Uls_u2p14[4][1]	3277
2_CurrParamLdSatSciFac_Uls_u2p14[4][2]	4915
2_CurrParamLdSatSclFac_Uls_u2p14[4][3]	6554
t2_CurrParamLdSatSclFac_Uis_u2p14[4][3]	8192
	9830
2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	
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
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

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Curraramcomp_rerr		
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_CurrParamLqSatSclFac_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	
	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	_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		
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3\%$	tgt_CurrParamComp_Per1_MtrCurrDaxRef_/	Amp_f32	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3:$	tgt_CurrParamComp_Per1_MtrCurrQaxRef_A	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	9 🗸
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000280000007	0.000280000007 ± 0.0625	✓
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0280000009	0.0280000009	✓

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

Test Step 2.38 (Repeat Count = 1)	
Name	Input Value
EstKeFF VpRadpS M f32	0.0579999983
EstRFF_Ohm_M_f32	0.0595235005
FastDataAccessBufIndex_Cnt_M_u16	0
MtrEstKe_VpRadpS_M_f32[0]	0.0649999976
MtrEstKe_VpRadpS_M_f32[1]	0.0689999983
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0719999969
k_MaxLdRngLmt_Henry_f32	0.000360000005
k_MaxLqRngLmt_Henry_f32	0.000220000002
k_MaxRRngLmt_Ohm_f32	0.0289999992
k_MinKeRngLmt_VpRadpS_f32	0.075000003
k_MinLdRngLmt_Henry_f32	0.000260000001
k_MinLqRngLmt_Henry_f32	0.000289999996
k_MinRRngLmt_Ohm_f32	0.0439999998
k_NomLd_Henry_f32	0.000230000005
k_NomLq_Henry_f32	7.999998e-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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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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Curr aramcomp_r err		(CILC COID
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 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 KeSatTbIY 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_f3		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3	1	
		Desuit
Name	Actual Value Expected Value	Result

9	-a		
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	~

Τ				✓
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	

CurrParamComp_Per1

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Input Value Rte_Inst_Ap_CurrParamComp tgt_Rte_Inst_Ap_CurrParamComp 0.0729999989 k_MaxKeRngLmt_VpRadpS_f32 k_MaxLdRngLmt_Henry_f32 0.000369999994 k_MaxLqRngLmt_Henry_f32 0.000230000005 k MaxRRngLmt Ohm f32 0.0299999993 k_MinKeRngLmt_VpRadpS_f32 0.0260000005 k_MinLdRngLmt_Henry_f32 0.00026999999 k_MinLqRngLmt_Henry_f32 0.000300000014 k_MinRRngLmt_Ohm_f32 0.0450000018 k NomLd Henry f32 0.000239999994 k_NomLq_Henry_f32 9.0000014e-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 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 $t2_CurrParamLqSatSclFac_Uls_u2p14[1][2]$ 16384 18022 t2 CurrParamLqSatSclFac Uls u2p14[1][3] t2_CurrParamLqSatSclFac_Uls_u2p14[1][4] 19661 21299 t2 CurrParamLqSatSclFac 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 29491 $t2_CurrParamLqSatSclFac_Uls_u2p14[2][3]$ t2_CurrParamLqSatSclFac_Uls_u2p14[2][4] 31130 31949 $t2_CurrParamLqSatSclFac_Uls_u2p14[2][5]$

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Name	Input Value
2_CurrParamLqSatSclFac_Uls_u2p14[2][6]	32768
12_CurrParamLqSatSclFac_Uls_u2p14[3][0]	3277
2_CurrParamLqSatScIFac_Uls_u2p14[3][1]	6554
2_CurrParamLqSatSclFac_Uls_u2p14[3][2]	8192
I2_CurrParamLqSatSclFac_Uls_u2p14[3][3]	11469
l2_CurrParamLqSatSclFac_Uls_u2p14[3][4]	14746
l2_CurrParamLqSatSclFac_Uls_u2p14[3][5]	29491
t2_CurrParamLqSatSclFac_Uls_u2p14[3][6]	31130
2_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]	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_CurrParamCompDaxRef_Amp_u9p7[0]	1280
t_CurrParamCompQaxRef_Amp_u9p7[1]	2560
t_CurrParamCompQaxRef_Amp_u9p7[2]	3840
t_CurrParamCompQaxRef_Amp_u9p7[3]	5120
t_CurrParamCompQaxRef_Amp_u9p7[4]	6400
t_CurrParamCompQaxRef_Amp_u9p7[5]	7680
t_CurrParamCompQaxRef_Amp_u9p7[6]	8960
t_KeSatTblX_Amp_u9p7[0]	640
t_KeSatTblX_Amp_u9p7[1]	1920
t_KeSatTblX_Amp_u9p7[2]	3200
t_KeSatTblX_Amp_u9p7[3]	4480
t_KeSatTblX_Amp_u9p7[4]	5760
t_KeSatTblX_Amp_u9p7[5]	7040
t_KeSatTblX_Amp_u9p7[6]	8320
t_KeSatTblX_Amp_u9p7[7]	9600
t_KeSatTblX_Amp_u9p7[8]	10880
t_KeSatTblX_Amp_u9p7[9]	12160
t_KeSatTblX_Amp_u9p7[10]	13440
t_KeSatTblX_Amp_u9p7[11]	14720
t_KeSatTblX_Amp_u9p7[12]	16000
t_KeSatTblX_Amp_u9p7[13]	17280
t_KeSatTblX_Amp_u9p7[14]	18560
t_KeSatTblX_Amp_u9p7[15]	19840
t_KeSatTblY_Uls_u2p14[0]	2130
t_KeSatTbiY_Uis_u2p14[1]	2294
	2458
t_KeSatTbIY_Uls_u2p14[2] t_KeSatTbIY_Uls_u2p14[3]	1966
t_KeSatTblY_Uls_u2p14[3]	2785
t_KeSatTblY_Uls_u2p14[4]	
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	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

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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	~

Τ			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 2.40 (Repeat Count = 1)	
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0599999987
EstRFF_Ohm_M_f32	0.0675230026
FastDataAccessBufIndex_Cnt_M_u16	0
MtrEstKe_VpRadpS_M_f32[0]	0.0280000009
MtrEstKe_VpRadpS_M_f32[1]	0.0289999992
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0250000004
k_MaxLdRngLmt_Henry_f32	0.000380000012
k_MaxLqRngLmt_Henry_f32	0.000239999994
k_MaxRRngLmt_Ohm_f32	0.0309999995
k_MinKeRngLmt_VpRadpS_f32	0.0260000005
k_MinLdRngLmt_Henry_f32	0.000280000007
k_MinLqRngLmt_Henry_f32	0.000310000003
k_MinRRngLmt_Ohm_f32	0.0460000001
k_NomLd_Henry_f32	0.000250000012
k_NomLq_Henry_f32	9.9999975e-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
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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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	Invest Value
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_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	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	~

T				✓
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	
2_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	
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	
z_currParamLdSatSclFac_dis_uzp14[3][4] 2_CurrParamLdSatSclFac_Uls_u2p14[3][5]	29491	
z_CurrParamLdSatSciFac_Ois_u2p14[3][6] :2_CurrParamLdSatSciFac_Uis_u2p14[3][6]	31130	
tz_CurrParamLdSatSciFac_Uis_uzp14[3][6] t2_CurrParamLdSatSciFac_Uis_u2p14[4][0]	1638	
	3277	
2_CurrParamLdSatSclFac_Uls_u2p14[4][1]		
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	
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	
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 CurrParamLqSatScIFac Uls u2p14[1][4]	19661	
2_CurrParamLqSatSclFac_Uls_u2p14[1][5]	21299	
2_CurrParamLqSatSclFac_Uls_u2p14[1][6]	22938	
2_CurrParamLqSatScIFac_Uls_u2p14[1][0]	24576	
2_CurrParamLqSatSclFac_Uls_u2p14[2][0]	26214	
2_CurrParamLqSatSclFac_Uls_u2p14[2][2]	27853	
z_CurrParamLqSatSclFac_Uls_u2p14[2][2] 2_CurrParamLqSatSclFac_Uls_u2p14[2][3]	27833	
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_CurrParamLqSatScIFac_Uls_u2p14[3][1]	6554	
2_CurrParamLqSatScIFac_Uls_u2p14[3][2]	8192	
2_CurrParamLqSatScIFac_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_CurrParamLqSatSclFac_Uls_u2p14[5][0]	13107	
	14746	

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CurrParamComp_Per1

	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]	16640		
t_CurrParamCompDaxRef_Amp_u9p7[1]	17920		
t_CurrParamCompDaxRef_Amp_u9p7[2]	19200		
t_CurrParamCompDaxRef_Amp_u9p7[3] t CurrParamCompDaxRef Amp_u9p7[4]	20480 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		
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_KeSatTbIX_Amp_u9p7[9]	14080		
t_KeSatTbIX_Amp_u9p7[10]	15360		
t_KeSatTblX_Amp_u9p7[11]	16640		
t_KeSatTblX_Amp_u9p7[12]	17920 19200		
t_KeSatTblX_Amp_u9p7[13] t_KeSatTblX_Amp_u9p7[14]			
t_KeSatTblX_Amp_u9p7[15]	20480		
t_KeSatTbIY_UIs_u2p14[0]	21760 1966		
t_KeSatTbIY_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_KeSatTbiY_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 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	~
MtrEstKe_VpRadpS_M_f32[0]	0.0270000007	0.0270000007	✓
MtrEstKe_VpRadpS_M_f32[1]	0.030999995	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	~

0.0320000015

0.0320000015

 $tgt_CurrParamComp_Per1_EstR_Ohm_f32.value$





T ✓				
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)	Institute Value	
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	
C_MaxKeRngLmt_VpRadpS_f32	0.0599999987	
_MaxLdRngLmt_Henry_f32	0.00039999999	
c_MaxLqRngLmt_Henry_f32	0.000260000001	
C_MaxRRngLmt_Ohm_f32	0.0329999998	
c_MinKeRngLmt_VpRadpS_f32	0.0280000009	
_MinLdRngLmt_Henry_f32	0.000300000014	
_MinLqRngLmt_Henry_f32	0.00033000001	
_MinRRngLmt_Ohm_f32	0.0480000004	
C_NomLd_Henry_f32	0.00026999999	
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 CurrParamLdSatScIFac 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_CurrParamLdSatSciFac_Uls_u2p14[1][6]	22938	
2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	24576	
2_CurrParamLdSatSciFac_Uls_u2p14[2][1]	26214	
2_CurrParamLdSatSciFac_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_CurrParamLqSatSciFac_Uls_u2p14[0][0]	3277	
2_CurrParamLqSatScIFac_Uls_u2p14[0][1] 2_CurrParamLqSatScIFac_Uls_u2p14[0][2]	4915	

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CurrParamComp_Per1 Input Value t2_CurrParamLqSatSclFac_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 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 32768 t2 CurrParamLqSatSclFac Uls u2p14[2][6] 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] 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

27136

16000

24320 25600

26880

27008 27136

16000

17280

640

1920

3200

4480

5760

7040

8320

9600

10880

12160

13440

14720

16000 17280

18560

19840

2130

2294

2458

1966

2785

t_CurrParamCompDaxRef_Amp_u9p7[3]

t_CurrParamCompDaxRef_Amp_u9p7[4]

t_CurrParamCompDaxRef_Amp_u9p7[5]

t_CurrParamCompQaxRef_Amp_u9p7[0]

t_CurrParamCompQaxRef_Amp_u9p7[1] t_CurrParamCompQaxRef_Amp_u9p7[2]

 $t_CurrParamCompQaxRef_Amp_u9p7[3]$

t_CurrParamCompQaxRef_Amp_u9p7[4] t_CurrParamCompQaxRef_Amp_u9p7[5]

t_CurrParamCompQaxRef_Amp_u9p7[6]

t_KeSatTblX_Amp_u9p7[0]

t_KeSatTblX_Amp_u9p7[1]

t_KeSatTblX_Amp_u9p7[2]

t_KeSatTblX_Amp_u9p7[3]

t_KeSatTblX_Amp_u9p7[4]

t_KeSatTblX_Amp_u9p7[5]

t_KeSatTblX_Amp_u9p7[6]

t_KeSatTblX_Amp_u9p7[7]

t_KeSatTblX_Amp_u9p7[8]

t KeSatTblX Amp u9p7[9]

t_KeSatTblX_Amp_u9p7[10]

t_KeSatTblX_Amp_u9p7[11]

t_KeSatTblX_Amp_u9p7[12]

t KeSatTblX Amp u9p7[13] t_KeSatTblX_Amp_u9p7[14]

t KeSatTblX Amp u9p7[15]

t_KeSatTblY_Uls_u2p14[0]

t_KeSatTblY_Uls_u2p14[1]

t_KeSatTblY_Uls_u2p14[2]

t_KeSatTblY_Uls_u2p14[3]

t_KeSatTblY_Uls_u2p14[4]

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ount aramoomp_r or r			1 -4 - 10	-10
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	_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			
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3;$	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 ± 0.0000000	009	~
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.00033000001	0.00033000001 ± 0.0625		~
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0329999998	0.0329999998		~

T				✓
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
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]	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
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3222222222222222222222222222222222222$	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3:	tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32

9	-a		
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	~

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

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	(12.00)
Name	Input Value
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0270000007
k_MaxLdRngLmt_Henry_f32	0.0015999996
k_MaxLqRngLmt_Henry_f32	0.000280000007
k_MaxRRngLmt_Ohm_f32	0.0350000001
k_MinKeRngLmt_VpRadpS_f32	0.029999993
	0.00319999992
k_MinLdRngLmt_Henry_f32	0.000313939392
k_MinLqRngLmt_Henry_f32	
k_MinRRngLmt_Ohm_f32	0.125650004
k_NomLd_Henry_f32	0.000289999996
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
	29491
t2_CurrParamLdSatSclFac_Uls_u2p14[2][3]	
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
	1638
t2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	
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
======================================	10.00

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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
12_CurrParamLqSatSclFac_Uls_u2p14[3][2]	8192
I2_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
l2_CurrParamLqSatSclFac_Uls_u2p14[4][5]	9830
t2_CurrParamLqSatSclFac_Uls_u2p14[4][6]	11469
l2_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
l2_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]	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
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[11]	17920
	19200
t_KeSatTblX_Amp_u9p7[13]	20480
t_KeSatTblX_Amp_u9p7[14] t KeSatTblX Amp u9p7[15]	
	21760 1966
t_KeSatTblY_Uls_u2p14[0]	
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	-42.7840004
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	-40.9939995
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32

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Name	Input Value		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3	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]	0.0649999976	0.0649999976	~
MtrEstKe_VpRadpS_M_f32[1]	0.029999993	0.029999993	~
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.029999993	0.029999993	~
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	~

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

Test Step 2.45 (Repeat Count = 1) Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0649999976
EstRFF_Ohm_M_f32	0.0877500027
FastDataAccessBufIndex_Cnt_M_u16	1
MtrEstKe_VpRadpS_M_f32[0]	0.0260000005
MtrEstKe_VpRadpS_M_f32[1]	0.0270000007
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
x_MaxKeRngLmt_VpRadpS_f32	0.0280000009
MaxLdRngLmt_Henry_f32	0.000169999999
MaxLqRngLmt_Henry_f32	0.000289999996
C_MaxRRngLmt_Ohm_f32	0.035999985
x_MinKeRngLmt_VpRadpS_f32	0.030999995
C_MinLdRngLmt_Henry_f32	0.00033000001
_MinLqRngLmt_Henry_f32	0.000360000005
x_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
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 14746
t2_CurrParamLqSatSclFac_Uls_u2p14[1][1]	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_CurrParamLqSatSciFac_Uis_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 9830
t2_CurrParamLqSatSclFac_Uls_u2p14[4][5] t2_CurrParamLqSatSclFac_Uls_u2p14[4][6]	11469
t2_CurrParamLqSatSclFac_Uls_u2p14[4][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]	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 9600
t_KeSatTblX_Amp_u9p7[7]	10880
t_KeSatTblX_Amp_u9p7[8]	10000
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]	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

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	~

Т				✓
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)	en e
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

CurrParamComp Per1

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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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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]	16640		
t_CurrParamCompDaxRef_Amp_u9p7[1]	17920		
t_CurrParamCompDaxRef_Amp_u9p7[2]	19200 20480		
t_CurrParamCompDaxRef_Amp_u9p7[3] t CurrParamCompDaxRef Amp_u9p7[4]	21760		
t_CurrParamCompDaxRef_Amp_u9p7[4]	23040		
t_CurrParamCompQaxRef_Amp_u9p7[0]	24320		
t_CurrParamCompQaxRef_Amp_u9p7[1]	25600		
t_CurrParamCompQaxRef_Amp_u9p7[2]	26880		
t_CurrParamCompQaxRef_Amp_u9p7[3]	27008		
t_CurrParamCompQaxRef_Amp_u9p7[4]	27136		
t_CurrParamCompQaxRef_Amp_u9p7[5]	16000		
t_CurrParamCompQaxRef_Amp_u9p7[6]	17280		
t_KeSatTblX_Amp_u9p7[0]	1280		
t_KeSatTblX_Amp_u9p7[1]	2560		
t_KeSatTblX_Amp_u9p7[2]	3840		
t_KeSatTblX_Amp_u9p7[3]	5120		
t_KeSatTblX_Amp_u9p7[4]	6400		
t_KeSatTblX_Amp_u9p7[5]	7680		
t_KeSatTblX_Amp_u9p7[6]	8960		
t_KeSatTblX_Amp_u9p7[7]	10240		
t_KeSatTbiX_Amp_u9p7[8] t_KeSatTbiX_Amp_u9p7[9]	11520 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] t_KeSatTblY_Uls_u2p14[11]	1802 3604		
t KeSatTblY Uls u2p14[11]	3768		
t_KeSatTblY_Uls_u2p14[13]	3932		
t_KeSatTblY_Uls_u2p14[14]	4096		
t KeSatTblY Uls u2p14[15]	4260		
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	16.368		
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	-44.5740013		
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS	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		
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3222222222222222222222222222222222222$			
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3.$	tgt_CurrParamComp_Per1_MtrCurrQaxRef_	_Amp_f32	
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	1	1	~
MtrEstKe_VpRadpS_M_f32[0]	0.0280000009	0.0280000009	~
MtrEstKe_VpRadpS_M_f32[1]	0.0320000015	0.0320000015	~
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0320000015	0.0320000015	~
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000339999999	0.000339999999 ± 0.0000000009	
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000369999994	0.000369999994 ± 0.0625	¥

0.00499999989

0.00499999989

tgt_CurrParamComp_Per1_EstR_Ohm_f32.value





T				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	0.0670000017
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
<pre><_MaxKeRngLmt_VpRadpS_f32</pre>	0.029999993
c_MaxLdRngLmt_Henry_f32	0.000190000006
C_MaxLqRngLmt_Henry_f32	0.000310000003
C_MaxRRngLmt_Ohm_f32	0.125650004
C_MinKeRngLmt_VpRadpS_f32	0.032999998
C_MinLdRngLmt_Henry_f32	0.000349999988
_MinLqRngLmt_Henry_f32	0.000380000012
C_MinRRngLmt_Ohm_f32	0.0350000001
_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_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
t2_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 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][7] 2 CurrParamLdSatSclFac Uls u2p14[4][2]	4915
2_CurrParamLdSatSclFac Uls u2p14[4][3]	6554
2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192
z_CurrParamLdSatScIFac_Uis_uzp14[4][4] 2_CurrParamLdSatScIFac_Uls_u2p14[4][5]	9830
z_currParamicusatsciPac_ois_uzp14[4][5] 2_CurrParamLdSatSciPac_Uls_u2p14[4][6]	11469
2_CurrParamLdSatScIPac_Dis_u2p14[4][6] 2 CurrParamLdSatScIFac Uls u2p14[5][0]	13107
z_CurrParamLdSatSciPac_ois_uzp14[5][0] 2 CurrParamLdSatSciPac Uls u2p14[5][1]	14746
z_CurrParamLdSatSciFac_Uis_uzp14[5][1] 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
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_CurrParamLqSatScIFac_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_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		
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3$	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 ± 0.0000000009	~
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000380000012	0.000380000012 ± 0.0625	~
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0956560001	0.0956560001	

T					
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	0.030999995
k_MaxLdRngLmt_Henry_f32	0.00019999995
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 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]	1408
t_CurrParamCompQaxRef_Amp_u9p7[1]	2816
t_CurrParamCompQaxRef_Amp_u9p7[2]	4224
t_CurrParamCompQaxRef_Amp_u9p7[3]	5632
t_CurrParamCompQaxRef_Amp_u9p7[4]	7040
t_CurrParamCompQaxRef_Amp_u9p7[5]	8448
t_CurrParamCompQaxRef_Amp_u9p7[6]	9856
t_KeSatTblX_Amp_u9p7[0]	640
t_KeSatTblX_Amp_u9p7[1]	1920
t_KeSatTblX_Amp_u9p7[2]	3200
t_KeSatTblX_Amp_u9p7[3]	4480
t_KeSatTblX_Amp_u9p7[4]	5760
t_KeSatTblX_Amp_u9p7[5]	7040
t_KeSatTblX_Amp_u9p7[6]	8320
t_KeSatTblX_Amp_u9p7[7]	9600
t_KeSatTblX_Amp_u9p7[8]	10880
t_KeSatTblX_Amp_u9p7[9]	12160
t_KeSatTblX_Amp_u9p7[10]	13440
t_KeSatTblX_Amp_u9p7[11]	14720
t_KeSatTblX_Amp_u9p7[12]	16000
t_KeSatTblX_Amp_u9p7[13]	17280
t_KeSatTblX_Amp_u9p7[14]	18560
t KeSatTblX Amp u9p7[15]	19840
t_KeSatTblY_Uls_u2p14[0]	1966
t KeSatTblY Uls u2p14[1]	2130
t_KeSatTblY_Uls_u2p14[2]	2294
t_KeSatTblY_Uls_u2p14[3]	1802
t_KeSatTblY_Uls_u2p14[4]	2621
t_KeSatTblY_Uls_u2p14[5]	2785
t_KeSatTblY_Uls_u2p14[6]	3277
t_KeSatTblY_Uls_u2p14[7]	4915
t_KeSatTblY_Uls_u2p14[8]	2458
t_KeSatTblY_Uls_u2p14[9]	6554
t_KeSatTblY_Uls_u2p14[10]	1638
t_KeSatTblY_Uls_u2p14[11]	8192
t_KeSatTblY_Uls_u2p14[12]	9830
t_KeSatTblY_Uls_u2p14[13]	11469
t_KeSatTblY_Uls_u2p14[14]	13107
t_KeSatTblY_Uls_u2p14[15]	14746
tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	22.3416004
tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	19.3547993
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32	tgt_CurrParamComp_Per1_EstLd_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32	tgt_CurrParamComp_Per1_EstLq_Henry_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32	tgt_CurrParamComp_Per1_EstR_Ohm_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3.	1

grand_not_p_dan aramodinp.dan aramodinp_dan_dan_dan_dan_dan_dan_dan_dan_dan_dan					
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	~		

T				
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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- Cam arameomp_r er r	
Name	Input Value
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0320000015
k_MaxLdRngLmt_Henry_f32	0.00020999998
k_MaxLqRngLmt_Henry_f32	0.000286077993
k_MaxRRngLmt_Ohm_f32	0.0309999995
k_MinKeRngLmt_VpRadpS_f32	0.0350000001
k MinLdRngLmt Henry f32	0.0036999994
k_MinLqRngLmt_Henry_f32	2.9999992e-005
k_MinRRngLmt_Ohm_f32	0.0430000015
k_NomLd_Henry_f32	0.000220000002
k NomLq Henry f32	0.000190000006
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
	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_Uls_u2p14[0][4]	9830
t2_CurrParamLqSatSciFac_Uis_u2p14[0][5] t2_CurrParamLqSatSciFac_Uis_u2p14[0][6]	11469
	13107
t2_CurrParamLqSatSclFac_Uls_u2p14[1][0]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[1][1]	
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] 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 $tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32$ 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]	0.0430000015	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	~	

T				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	0.0700000003
EstRFF_Ohm_M_f32	0.107666001
fastDataAccessBufIndex_Cnt_M_u16	0
MtrEstKe_VpRadpS_M_f32[0]	0.0649999976
MtrEstKe_VpRadpS_M_f32[1]	0.068999983
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
x_MaxKeRngLmt_VpRadpS_f32	0.032999998
C_MaxLdRngLmt_Henry_f32	0.000220000002
C_MaxLqRngLmt_Henry_f32	0.000286543014
C_MaxRRngLmt_Ohm_f32	0.0350000001
C_MinKeRngLmt_VpRadpS_f32	0.0359999985
_MinLdRngLmt_Henry_f32	0.000380000012
_MinLqRngLmt_Henry_f32	0.000410000008
C_MinRRngLmt_Ohm_f32	0.0469999984
C_NomLd_Henry_f32	0.000230000005
c_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_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_CurrParamLdSatSciFac_Uls_u2p14[4][5] 2_CurrParamLdSatSciFac_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_CurrParamLqSatScIF ac_Ois_u2p14[0][0] 2 CurrParamLqSatScIFac Uls u2p14[0][1]	3277
	4915
2_CurrParamLqSatScIFac_UIs_u2p14[0][2]	
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
2_CurrParamLqSatSclFac_Uls_u2p14[3][1]	6554
2_CurrParamLqSatSclFac_Uls_u2p14[3][2]	8192
2_CurrParamLqSatScIFac_Uls_u2p14[3][3]	11469
2_CurrParamLqSatScIFac_Uls_u2p14[3][4]	14746
2_CurrParamLqSatSclFac_Uls_u2p14[3][5]	29491
2_CurrParamLqSatSclFac_Uls_u2p14[3][6]	31130
2_CurrParamLqSatScIFac_Uls_u2p14[4][0]	1638
:2_CurrParamLqSatSclFac_Uls_u2p14[4][0]	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]	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
	1408
KeSatTblX_Amp_u9p7[0]	
_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

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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
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3222222222222222222222222222222222222$	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]	0.0649999976	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	~

T				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 2.51 (Repeat Count = 1)	✓
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0710000023
EstRFF_Ohm_M_f32	0.111568563
FastDataAccessBufIndex_Cnt_M_u16	0
MtrEstKe_VpRadpS_M_f32[0]	0.0430000015
MtrEstKe_VpRadpS_M_f32[1]	0.0710000023
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0340000018
k_MaxLdRngLmt_Henry_f32	0.000230000005
k_MaxLqRngLmt_Henry_f32	0.000287006987
k_MaxRRngLmt_Ohm_f32	0.0390000008
k_MinKeRngLmt_VpRadpS_f32	0.0370000005
k_MinLdRngLmt_Henry_f32	0.000390000001
k_MinLqRngLmt_Henry_f32	9.9999975e-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

CurrParamComp Per1

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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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CurrParamComp_Per1

FastDataAccessBufIndex_Cnt_M_u16 1 1 MtrEstKe_VpRadpS_M_f32[0] 0.0430000015 0.0430000015 MtrEstKe_VpRadpS_M_f32[1] 0.0370000005 0.0370000005 tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value 0.0370000005 0.0370000005 tgt_CurrParamComp_Per1_EstLd_Henry_f32.value 0.00390000001 0.00390000001 ± 0.0000000009 tgt_CurrParamComp_Per1_EstLq_Henry_f32.value 9.99999975e-005 5.94999983e-005 ± 0.0625			• "	
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LeSaTIDIX_Amp_u8p7t3	t_KeSatTbIX_Amp_u9p7[1]			
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LessattbX_amp_usp7f8				
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LeSaTDX_Amp_u8p7[10] 13440 14720				
LésatTbX Amp_u9p7[17]				
LesaTbV Amp_u9p7[12]				
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KeSatTblY_UIs_u2p14[0]	t_KeSatTblX_Amp_u9p7[14]	18560		
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L(KeSatTbY_UIs_u2p14[2]	t_KeSatTblY_Uls_u2p14[0]	1966		
KeSatTbY_UIs_u2p14[3]	t_KeSatTblY_Uls_u2p14[1]	2130		
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1638				
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tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32 tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32 tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 Name Actual Value Expected Value Res FastDataAccessBufIndex_Cnt_M_u16 1 0.0430000015 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 0.000390000001 tgt_CurrParamComp_Per1_EstLd_Henry_f32.value 9.99999975e-005 5.94999983e-005 ± 0.0625	tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32	tgt_CurrParamComp_Per1_EstKe_VpRadp	S_f32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32 tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32 tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32 Name Actual Value Expected Value Res FastDataAccessBufindex_Cnt_M_u16 1 0.0430000015 0.0430000015 0.0430000015 0.0370000005 tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value 0.0370000005 0.0370000005 tgt_CurrParamComp_Per1_EstLd_Henry_f32.value 0.000390000001 0.000390000001 tgt_CurrParamComp_Per1_EstLd_Henry_f32.value 9.99999975e-005 5.94999983e-005 ± 0.0625	0	tgt_CurrParamComp_Per1_EstLd_Henry_f3	32	
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 Name Actual Value Expected Value Res FastDataAccessBufIndex_Cnt_M_u16 1 1 0.0430000015 0.0430000015 0.0430000015 0.0370000005 0.0370000005 0.0370000005 0.0370000005 0.0370000005 0.0370000005 0.0370000005 0.0370000005 0.0370000005 0.00370000005 0.00370000005 0.00370000005 0.00370000005 0.00370000005 0.000370000001 ± 0.00000000000 0.0003700000001 0.000390000001 ± 0.000000000000 0.0003700000005 0.0003700000005 0.0003700000005 0.0003700000000 0.0003700000000 0.0003700000000 0.0003700000000 0.0003700000000 0.000370000000 0.00000000000 0.0000000000 0.000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.000000000 0.0000000000 0.000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.00000000000 0.000000000 0.000000000000 0.00000000000000 0.000000000000000	0 = = 1 = 1			
tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3 tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32 Name Actual Value Expected Value Res FastDataAccessBufIndex_Cnt_M_u16 1 1 1 1 MtrEstKe_VpRadpS_M_f32[0] 0.0430000015 0.0430000015 0.0370000005 0.0370000005 0.0370000005 0.0370000005 0.0370000005 0.0370000005 0.0370000005 0.00370000005 0.00370000005 0.00370000005 0.00370000005 0.00370000005 0.000370000001 ± 0.00000000000 0.000370000001 0.000370000001 ± 0.00000000000 0.0003700000001 0.000370000001 ± 0.00000000000 0.0003700000001 0.0003700000001 ± 0.0000000000 0.0003700000000 0.0003700000000 0.0003700000000 0.000370000000 0.0003700000000 0.000370000000 0.000370000000 0.000370000000 0.000370000000 0.00037000000 0.000370000000 0.000370000000 0.000370000000 0.00037000000 0.000370000000 0.00037000000 0.00037000000 0.00037000000 0.00037000000 0.00037000000 0.00037000000 0.00037000000 0.00037000000 0.00037000000 0.00037000000 0.00037000000 0.00037000000				
Name Actual Value Expected Value Res FastDataAccessBufIndex_Cnt_M_u16 1 1 1 MtrEstKe_VpRadpS_M_32[0] 0.0430000015 0.0430000015 0.0370000005 MtrEstKe_VpRadpS_M_f32[1] 0.0370000005 0.0370000005 0.0370000005 tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value 0.00370000005 0.00370000005 0.00390000001 tgt_CurrParamComp_Per1_EstLd_Henry_f32.value 0.000390000001 0.000390000001 ± 0.0000000009 0.000390000001 tgt_CurrParamComp_Per1_EstLd_Henry_f32.value 9.99999975e-005 5.94999983e-005 ± 0.0625				
FastDataAccessBufIndex_Cnt_M_u16 1 1 MtrEstKe_VpRadpS_M_32[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 9.99999975e-005 5.94999983e-005 ± 0.0625				
MtrEstKe_VpRadpS_M_32[0] 0.0430000015 0.0430000015 MtrEstKe_VpRadpS_M_532[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 ± 0.000390000009 tgt_CurrParamComp_Per1_EstLq_Henry_f32.value 9.99999975e-005 5.94999983e-005 ± 0.0625			· ·	Resul
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 ± 0.000390000009 tgt_CurrParamComp_Per1_EstLq_Henry_f32.value 9.99999975e-005 5.94999983e-005 ± 0.0625				•
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value 0.0370000005 0.0370000005 tgt_CurrParamComp_Per1_EstLd_Henry_f32.value 0.000390000001 0.000390000001 ± 0.000390000009 tgt_CurrParamComp_Per1_EstLq_Henry_f32.value 9.99999975e-005 5.94999983e-005 ± 0.0625				
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	_ · · · · ·			
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value 9.99999975e-005 5.94999983e-005 ± 0.0625				
TO CONTRATADICOND FEN ESTS COMPLIAZABLE TO COMPUDITION TO COMPUDITION	tot CurrParamComp Per1 EstR Ohm f32.value	0.0390000008	0.0390000008	

0.0390000008

0.0390000008

 $tgt_CurrParamComp_Per1_EstR_Ohm_f32.value$





Τ				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 2.52 (Repeat Count = 1)	Innut 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	
k_MaxKeRngLmt_VpRadpS_f32	0.0350000001	
k_MaxLdRngLmt_Henry_f32	0.000239999994	
k_MaxLqRngLmt_Henry_f32	2.99999992e-005	
k_MaxRRngLmt_Ohm_f32	0.0430000015	
k_MinKeRngLmt_VpRadpS_f32	0.0379999988	
k_MinLdRngLmt_Henry_f32	0.000260000001	
k_MinLqRngLmt_Henry_f32	0.000230000005	
k_MinRRngLmt_Ohm_f32	0.0549999997	
k_NomLd_Henry_f32	0.000250000012	
k_NomLq_Henry_f32	0.000220000002	
t2_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_CurrParamLdSatScIFac_Uls_u2p14[2][5]	31949	
	32768	
t2_CurrParamLdSatSclFac_Uls_u2p14[2][6]	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	
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_reri		(MACIMU
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_CurrParamLqSatSclFac_Uls_u2p14[1][6]	22938	
2_CurrParamLqSatSclFac_Uls_u2p14[1][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_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	
	14746	
2_CurrParamLqSatSclFac_Uls_u2p14[5][1]	16384	
2_CurrParamLqSatSclFac_Uls_u2p14[5][2]	18022	
2_CurrParamLqSatSclFac_Uls_u2p14[5][3]		
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]	1408	
_CurrParamCompQaxRef_Amp_u9p7[1]	2816	
_CurrParamCompQaxRef_Amp_u9p7[2]	4224	
CurrParamCompQaxRef Amp u9p7[3]	5632	
CurrParamCompQaxRef Amp u9p7[4]	7040	
_CurrParamCompQaxRef_Amp_u9p7[5]	8448	
_CurrParamCompQaxRef_Amp_u9p7[6]	9856	
_KeSatTblX_Amp_u9p7[0]	1280	
_KeSatTblX_Amp_u9p7[1]	2560	
_KeSatTblX_Amp_u9p7[2]	3840	
	5120	
_KeSatTblX_Amp_u9p7[3]		
_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	
_KeSatTblX_Amp_u9p7[10]	14080	
_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	
	2130	
KeSatibly UIS u2p14i0i		
	2294	
_KeSatTblY_Uls_u2p14[1]	2294 2458	
_KeSatTbIY_UIs_u2p14[0] _KeSatTbIY_UIs_u2p14[1] _KeSatTbIY_UIs_u2p14[2] _KeSatTbIY_UIs_u2p14[3]	2294 2458 1966	

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Name t_KeSatTblY_Uls_u2p14[5] t_KeSatTblY_Uls_u2p14[6]	Input Value 2949 3113 3277		
	3113		
t_KeSatTblY_Uls_u2p14[6]			
	3277		
t_KeSatTblY_Uls_u2p14[7]	OLIT		
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	_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		
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 \\$	tgt_CurrParamComp_Per1_MtrCurrDaxRef_A	Amp_f32	
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3:$	tgt_CurrParamComp_Per1_MtrCurrQaxRef_A	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	0.037999988	0.037999988	~
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value	0.000260000001	0.000260000001 ± 0.0000000009	~
tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	2.99999992e-005	2.99999992e-005 ± 0.0625	~
tgt_CurrParamComp_Per1_EstR_Ohm_f32.value	0.0430000015	0.0430000015	~

T				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 2.53 (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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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_Uis_uzp14[5][0] 2_CurrParamLqSatSciPac_Uis_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]	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	19-T-1-11-11-11-11-11-11-11-11-11-11-11-11	· · · · F _ · · ·	
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	~

Τ				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 2.54 (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	

CurrParamComp_Per1

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Curraramcomp_rerr	
Name	Input Value
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
_MaxKeRngLmt_VpRadpS_f32	0.0370000005
<pre><_MaxLdRngLmt_Henry_f32</pre>	0.000199999995
_MaxLqRngLmt_Henry_f32	3.999999e-005
_MaxRRngLmt_Ohm_f32	0.050999999
_MinKeRngLmt_VpRadpS_f32	0.039999991
_MinLdRngLmt_Henry_f32	0.000280000007
_MinLqRngLmt_Henry_f32	0.000250000012
_MinRRngLmt_Ohm_f32	0.063000001
NomLd Henry f32	0.00026999999
NomLq Henry f32	0.000239999994
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
	13107
2_CurrParamLdSatSclFac_Uls_u2p14[1][0]	
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 CurrParamLdSatScIFac UIs u2p14[5][6]	22938
2_CurrParamLqSatSclFac_Uls_u2p14[0][0]	1638
2_CurrParamLqSatSclFac_Uls_u2p14[0][1]	3277
	4915
2_CurrParamLqSatSclFac_Uls_u2p14[0][2]	
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][0]	26214
	27853
2_CurrParamLqSatSclFac_Uls_u2p14[2][2]	2/653
2_CurrParamLqSatSclFac_Uls_u2p14[2][3]	
2_CurrParamLqSatScIFac_Uls_u2p14[2][4]	31130
2_CurrParamLqSatSclFac_Uls_u2p14[2][5]	31949

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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] 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 t_KeSatTblX_Amp_u9p7[0] 640 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

> 8192 9830

11469

13107

14746

40.2624016

37 2756004

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_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]	0.039999991	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	~

Τ			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 2.55 (Repeat Count = 1)	
Name	Input Value
EstKeFF_VpRadpS_M_f32	0.0540000014
EstRFF_Ohm_M_f32	0.0125634
FastDataAccessBufIndex_Cnt_M_u16	0
MtrEstKe_VpRadpS_M_f32[0]	0.029999993
MtrEstKe_VpRadpS_M_f32[1]	0.0309999995
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
k_MaxKeRngLmt_VpRadpS_f32	0.0379999988
k_MaxLdRngLmt_Henry_f32	0.00026999999
k_MaxLqRngLmt_Henry_f32	0.000190000006
k_MaxRRngLmt_Ohm_f32	0.0549999997
k_MinKeRngLmt_VpRadpS_f32	0.0410000011
k_MinLdRngLmt_Henry_f32	2.9999992e-005
k_MinLqRngLmt_Henry_f32	0.000260000001
k_MinRRngLmt_Ohm_f32	0.0670000017
k_NomLd_Henry_f32	0.000280000007
k_NomLq_Henry_f32	0.000250000012
t2_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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	(10.00)
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
	21299
t2_CurrParamLqSatSclFac_Uls_u2p14[1][5]	22938
t2_CurrParamLqSatSclFac_Uls_u2p14[1][6]	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
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]	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
	3840
t_CurrParamCompQaxRef_Amp_u9p7[2]	
t_CurrParamCompQaxRef_Amp_u9p7[3]	5120 6400
t_CurrParamCompQaxRef_Amp_u9p7[4]	7680
t_CurrParamCompQaxRef_Amp_u9p7[5]	8960
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
	7680
t_KeSatTblX_Amp_u9p7[5]	
t_KeSatTblX_Amp_u9p7[6]	8960
t_KeSatTbIX_Amp_u9p7[6] t_KeSatTbIX_Amp_u9p7[7]	10240
t_KeSatTblX_Amp_u9p7[6]	

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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

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	~

T				✓
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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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_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



Τ				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 2.57 (Repeat Count = 1)	Input Value
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
<_MaxKeRngLmt_VpRadpS_f32 < MaxLet dBpgl_mt_Uppg_f32	0.039999991
<_MaxLdRngLmt_Henry_f32 <_MaxLdRngLmt_Henry_f32	0.00020999998
<_MaxLqRngLmt_Henry_f32 <_MaxRRngLmt_Ohm_f32	0.00209999996
<pre><_waxRrigEmt_Offin_i32 </pre> <pre><_MinKeRngLmt_VpRadpS_f32</pre>	0.043000001
MinLdRngLmt Henry f32	9.9999975e-005
<pre><_MinLqRngLmt_Henry_f32</pre>	0.000280000007
<_MinRRngLmt_Ohm_f32	0.075000003
<_NomLd_Henry_f32	0.000300000014
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
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] t2_CurrParamLqSatSclFac_Uls_u2p14[1][0]	11469 13107
t2_CurrParamLqSatScIFac_Uls_u2p14[1][1]	14746
t2_CurrParamLqSatSclFac_Uls_u2p14[1][1]	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_Uls_u2p14[4][2] t2_CurrParamLqSatScIFac_Uls_u2p14[4][3]	6554
t2_CurrParamLqSatScIFac_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]	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]	8448 9856
t_CumParamComp@axRei_Amp_u9p7[6] t_KeSatTblX_Amp_u9p7[0]	640
t_KeSatTblX_Amp_u9p7[1]	1920
t KeSatTbIX_Amp_u9p7[2]	3200
t_KeSatTblX_Amp_u9p7[3]	4480
t_KeSatTbIX_Amp_u9p7[4]	5760
t_KeSatTblX_Amp_u9p7[5]	7040
t_KeSatTbIX_Amp_u9p7[6]	8320
t_KeSatTblX_Amp_u9p7[7]	9600
t_KeSatTblX_Amp_u9p7[8]	10880
t_KeSatTblX_Amp_u9p7[9]	12160
t_KeSatTblX_Amp_u9p7[10]	13440
t_KeSatTblX_Amp_u9p7[11]	14720
t_KeSatTblX_Amp_u9p7[12]	16000
t_KeSatTblX_Amp_u9p7[13]	17280
t_KeSatTblX_Amp_u9p7[14]	18560
t_KeSatTblX_Amp_u9p7[15]	19840
t_KeSatTblY_Uls_u2p14[0]	1966
t_KeSatTblY_Uls_u2p14[1]	2130
t_KeSatTblY_Uls_u2p14[2]	2294
t_KeSatTblY_Uls_u2p14[3]	1802
t_KeSatTblY_Uls_u2p14[4]	2621

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Name	Input Value		
t_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	S_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	
$\underline{tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3}$	tgt_CurrParamComp_Per1_MtrCurrQaxRef_	Amp_f32	
Name	Actual Value	Expected Value	Result
FastDataAccessBufIndex_Cnt_M_u16	0	0	-
MtrEstKe_VpRadpS_M_f32[0]	0.0399999991	0.039999991	✓
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	•

T				✓
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	0.0439999998
k_MinLdRngLmt_Henry_f32	0.000280000007
k_MinLqRngLmt_Henry_f32	0.000289999996
k_MinRRngLmt_Ohm_f32	0.0790000036
k_NomLd_Henry_f32	0.000310000003
k_NomLq_Henry_f32	0.000280000007
t2_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. 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	
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2. CumParamut.SasiSciFace_Uss_2014[41] 3277 2. CumParamut.SasiSciFace_Uss_2014[42] 4816 5854 2. CumParamut.SasiSciFace_Uss_2014[43] 6954 5850 585	
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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] 18344 2_CurParant_SSISFIRE_UIS_2014[6] 18344 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] 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][5] 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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12_CurrParamLqSatSciFac_Uls_uzp14[1] 0 13107 12_CurrParamLqSatSciFac_Uls_uzp14[1] 1 14746 12_CurrParamLqSatSciFac_Uls_uzp14[1] 2 16384 12_CurrParamLqSatSciFac_Uls_uzp14[1] 3 18022 12_CurrParamLqSatSciFac_Uls_uzp14[1] 3 18022 12_CurrParamLqSatSciFac_Uls_uzp14[1] 6 21299 12_CurrParamLqSatSciFac_Uls_uzp14[1] 6 22938 12_CurrParamLqSatSciFac_Uls_uzp14[2] 0 24576 12_CurrParamLqSatSciFac_Uls_uzp14[2] 1 26214 12_CurrParamLqSatSciFac_Uls_uzp14[2] 1 26214 12_CurrParamLqSatSciFac_Uls_uzp14[2] 1 26214 12_CurrParamLqSatSciFac_Uls_uzp14[2] 3 29491 12_CurrParamLqSatSciFac_Uls_uzp14[2] 6 31349 12_CurrParamLqSatSciFac_Uls_uzp14[2] 6 32768 12_CurrParamLqSatSciFac_Uls_uzp14[2] 6 32768 12_CurrParamLqSatSciFac_Uls_uzp14[2] 6 32768 12_CurrParamLqSatSciFac_Uls_uzp14[3] 1 6554 12_CurrParamLqSatSciFac_Uls_uzp14[3] 2 3192 12_CurrParamLqSatSciFac_Uls_uzp14[3] 3 11469 12_CurrParamLqSatSciFac_Uls_uzp14[3] 3 11469 12_CurrParamLqSatSciFac_Uls_uzp14[3] 4 47746 12_CurrParamLqSatSciFac_Uls_uzp14[3] 6 31130 12_CurrParamLqSatSciFac_Uls_uzp14[3] 6 31130 12_CurrParamLqSatSciFac_Uls_uzp14[3] 6 31130 12_CurrParamLqSatSciFac_Uls_uzp14[4] 1 3277 12_CurrParamLqSatSciFac_Uls_uzp14[4] 1 3110 12_CurrParamLqSatSciFac_Uls_uzp14[4] 1 3110 12_CurrParamLqSatSciFac_Uls_uzp14[4] 1 3110 12_CurrParamLqSatSciFac_Uls_uzp14[4] 1 3110 12_CurrParamLqSatSciFac_Uls_uzp14[6] 1 3110 12_CurrParamLqSatSciFac_Uls_uzp14	
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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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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_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3		
Namo	Actual Value Expected Value	Rosult

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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	2.99999992e-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	~

T				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 2.59 (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	TOLO (M
Name	Input Value
Rte_Inst_Ap_CurrParamComp	tgt_Rte_Inst_Ap_CurrParamComp
_MaxKeRngLmt_VpRadpS_f32	0.0419999994
C_MaxLdRngLmt_Henry_f32	0.000410000008
C_MaxLqRngLmt_Henry_f32	0.000230000005
: MaxRRngLmt Ohm f32	0.0710000023
 _MinKeRngLmt_VpRadpS_f32	0.0450000018
MinLdRngLmt Henry f32	0.000289999996
	0.000300000014
_MinRRngLmt_Ohm_f32	0.0829999968
NomLd Henry f32	0.00319999992
_NomLq_Henry_f32	0.00289999996
2_CurrParamLdSatSclFac_Uls_u2p14[0][0]	1638
2 CurrParamLdSatScIFac Uls u2p14[0][1]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[0][1]	4915
2_CurrParamLdSatSclFac_Uls_u2p14[0][3]	6554
CurrParamLdSatSclFac_Uls_u2p14[0][4]	8192
2_CurrParamLdSatSclFac_Uls_u2p14[0][5]	9830
2_CurrParamLdSatSclFac_Uls_u2p14[0][6]	11469
P_CurrParamLdSatSclFac_Uls_u2p14[1][0]	13107
CurrParamLdSatSclFac_Uls_u2p14[1][1]	14746
P_CurrParamLdSatSclFac_Uls_u2p14[1][2]	16384
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 CurrParamLdSatScIFac 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
2_CurrParamLdSatSclFac_Uls_u2p14[5][3]	18022
2_CurrParamLdSatSclFac_Uls_u2p14[5][4]	19661
CurrParamLdSatSclFac_Uls_u2p14[5][5]	21299
2_CurrParamLdSatSclFac_Uls_u2p14[5][6]	22938
_CurrParamLqSatSclFac_Uls_u2p14[0][0]	1638
_CurrParamLqSatSclFac_Uls_u2p14[0][1]	3277
2_CurrParamLqSatSclFac_Uls_u2p14[0][2]	4915
2_CurrParamLqSatSclFac_Uls_u2p14[0][3]	6554
	8192
	9830
P_CurrParamLqSatSclFac_Uls_u2p14[0][6]	11469
currParamLqSatSclFac_Uls_u2p14[1][0]	13107
CurrParamLqSatSclFac_Uls_u2p14[1][1]	14746
_CurrParamLqSatSclFac_Uls_u2p14[1][2]	16384
CurrParamLqSatSciFac_Uis_u2p14[1][2]	18022
	19661
P_CurrParamLqSatSclFac_Uls_u2p14[1][4]	
2_CurrParamLqSatSclFac_Uls_u2p14[1][5]	21299
?_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
	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_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]	1280
_CurrParamCompDaxRef_Amp_u9p7[1]	2560
_CurrParamCompDaxRef_Amp_u9p7[2]	3840
_CurrParamCompDaxRef_Amp_u9p7[3]	5120
_CurrParamCompDaxRef_Amp_u9p7[4]	6400
_CurrParamCompDaxRef_Amp_u9p7[5]	7680
_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 1408
_KeSatTblX_Amp_u9p7[0]	
_KeSatTblX_Amp_u9p7[1]	2816 4224
_KeSatTblX_Amp_u9p7[2]	5632
_KeSatTblX_Amp_u9p7[3]	7040
_KeSatTblX_Amp_u9p7[4]	8448
_KeSatTblX_Amp_u9p7[5]	9856
_KeSatTblX_Amp_u9p7[6]	11264
_KeSatTblX_Amp_u9p7[7] _KeSatTblX_Amp_u9p7[8]	12672
	14080
_KeSatTblX_Amp_u9p7[9] _KeSatTblX_Amp_u9p7[10]	15360
_KeSatTblX_Amp_u9p7[11]	16640
KeSatTblX Amp u9p7[12]	17920
_KeSatTbIX_Amp_u9p7[12] _KeSatTbIX_Amp_u9p7[13]	1920
_KeSatTbIX_Amp_u9p7[13] _KeSatTbIX_Amp_u9p7[14]	20480
_KeSatTbIX_Amp_u9p7[14] KeSatTbIX_Amp_u9p7[15]	21760
_KeSatTbIX_Amp_u9p7[15] _KeSatTbIY_Uls_u2p14[0]	21760
_KeSatTbtY_Uls_u2p14[0] _KeSatTblY_Uls_u2p14[1]	2294
_KeSatTbIY_Uls_u2p14[1] KeSatTbIY_Uls_u2p14[2]	2458
_KeSatTbIY_UIS_u2p14[2] _KeSatTbIY_UIS_u2p14[3]	1966
_keSatTbtY_Uis_u2p14[3] _keSatTblY_Uis_u2p14[4]	2785
_KeSatTbiY_Uis_u2p14[4] _KeSatTbiY_Uis_u2p14[5]	2949
_keSatTbtY_Uis_u2p14[5] _keSatTblY_Uis_u2p14[6]	3113
_keSatTbtY_Uls_u2p14[0] _keSatTblY_Uls_u2p14[7]	3277
_keSatTbtr_Ois_u2p14[r] _keSatTblY_Uls_u2p14[8]	2621
_keSatTbtY_Uls_u2p14[6] _keSatTbtY_Uls_u2p14[9]	3441
_KeSatTbIY_Uls_u2p14[9] _KeSatTbIY_Uls_u2p14[10]	1802
_keSatTbiY_Uls_u2p14[10] _keSatTbiY_Uls_u2p14[11]	3604
_KeSatTbiY_Uis_u2p14[11] _KeSatTbiY_Uis_u2p14[12]	3768
	3932
_KeSatTbtY_Uis_u2p14[13] _KeSatTblY_Uis_u2p14[14]	4096
	4260
_KeSatTbIY_Uls_u2p14[15]	-168.445007
gt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value	
at CurrParamComp Port MtrCurrCovPot Amp f22 value	-164.404999
gt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value	tot CurrParamComn Part FetKe VaPadas 623
gt_Rte_Inst_Ap_CurrParamComp.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_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	~

T				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
	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
c_MaxKeRngLmt_VpRadpS_f32	0.0430000015
C_MaxLdRngLmt_Henry_f32	0.000199999995
_MaxLqRngLmt_Henry_f32	0.000239999994
:_MaxRRngLmt_Ohm_f32	0.075000003
c_MinKeRngLmt_VpRadpS_f32	0.0460000001
_MinLdRngLmt_Henry_f32	0.000300000014
_MinLqRngLmt_Henry_f32	0.000310000003
:_MinRRngLmt_Ohm_f32	0.0869999975
_NomLd_Henry_f32	0.00033000001
C_NomLq_Henry_f32	0.000300000014
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[2][0]	3277
2_CurrParamLdSatSclFac_Uls_u2p14[3][1]	6554
2_CurrParamLdSatSciFac_Uis_u2p14[3][1] 2_CurrParamLdSatSciFac_Uis_u2p14[3][2]	8192
2_CurrParamLdSatScIFac_Uis_u2p14[3][2] 2_CurrParamLdSatScIFac_Uis_u2p14[3][3]	11469
2_CurrParamLdSatScIFac_Uis_u2p14[3][3] 2_CurrParamLdSatScIFac_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

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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] 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 7680 t CurrParamCompQaxRef Amp u9p7[5] t_CurrParamCompQaxRef_Amp_u9p7[6] 8960 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]	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
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3222222222222222222222222222222222222$	tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3322222222222222222222222222222222222$	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	~

T				✓
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	0.059999987
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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1669 107 146 1884 1022 1661 1099 1038 1036 1044 1053 1091 1030 1049 1068 107 104 1099 1030 1088 107 105 106 107 106 107 106 108 107 106 107 106 108 107 106 108 107 106 108 108 107 106 108 108 108 108 108 108 108 108 108 108
446 484 482 486 487 488 488 488 488 488 488 488 488 488
884 822 861 899 838 837 861 814 853 891 830 849 846 867 7 84 82 869 86 87 87 86 86 87 87 86 86 87 87 86 86 87 87 86 86 87 87 86 86 87 87 86 86 87 87 86 86 87 87 86 86 87 87 88 88 87 88 88 88 88 88 88 88 88
222 261 269 268 269 268 266 266 267 268 269 268 27 264 269 269 269 269 260 269 260 269 260 269 260 260 260 260 260 260 260 260 260 260
661 699 638 676 644 653 691 630 649 668 677 64 62 69 646 69 67 64 64 69 67 64 68 67 64 68 67 68 68 67 68 68 68 68 68 68 68 68 68 68 68 68 68
299 338 376 214 353 391 30 349 469 46 391 30 30 30 469 46 46 491 30 30 48 47 46 48 48 48 48 48 48 48 48 48 48 48 48 48
338 376 371 383 391 391 390 391 390 391 390 391 391 391 391 391 391 391 391 391 391
576 214 553 591 530 591 530 549 68 67 7 54 69 69 69 69 69 60 69 60 60 60 60 60 60 60 60 60 60 60 60 60
214 253 291 30 249 268 77 34 22 269 269 27 260 27 27 27 27 27 27 27 27 27 27 27 27 27
953 991 908 908 909 909 909 900 900 900
991 330 349 768 77 74 74 75 76 76 76 76 76 76 76 76 76 76 76 76 76
330 349 368 77 34 32 369 346 391 330 38 37 35 36 37 37 36 38 37 37 38 38 38 38 38 38 38 38 38 38 38 38 38
949 968 97 94 969 969 969 969 97 969 97 969 97 969 97 969 97 969 97 969 988 988 988 988 988 988 988 988 988
768 77 74 764 762 769 746 769 77 76 76 76 76 76 76 76 76 76 76 76 76
77 54 54 52 569 746 591 330 58 77 55 54 54 52 561 599 588 58 588 588 588 588 57 55
54 52 569 746 591 30 88 77 55 64 62 69 60 60 60 60 60 60 60 60 60 60 60 60 60
92 969 991 930 98 77 5 5 64 92 90 90 90 90 90 90 90 90 90 90
169
991 980 980 970 55 944 920 960 970 970 984 990 988 988 987 975 988
330 38 77 35 34 32 30 369 307 46 484 482 481 482 481 482 483 483 484 487 588 488 488 488 488 488 488 488
98 77 95 96 96 96 97 98 98 98 98 98 98 98 98 99 98 98
77 55 54 50 60 60 60 74 66 88 84 92 66 1 99 99 93 88 88 77
5 5 5 6 4 6 9 6 9 6 9 6 9 6 9 6 9 6 9 6 9 6 9
54 52 50 669 607 746 884 922 661 999 938 88
92 90 969 97 984 982 961 999 938 98
50 669 746 684 502 661 599 538 58 77
169 107 146 1884 122 161 199 138 138
07 46 884 922 861 999 938 98 77
746 684 622 661 799 838 88 77
984 922 961 999 938 98 77
1922 1961 1999 1938 198 177
561 299 338 38 57 7
299 238 28 27 5
938 98 77 95
98 77 5
7 5
5
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30
69
07
746
384
122
61
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38
576
214
953
91
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7
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46
91
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18 17
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)2 In
90
3 1 1 3 7 1

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			71000
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		
t_CurrParamCompDaxRef_Amp_u9p7[5]	15360		
t_CurrParamCompQaxRef_Amp_u9p7[0]	1280		
t_CurrParamCompQaxRef_Amp_u9p7[1]	2560		
t_CurrParamCompQaxRef_Amp_u9p7[2]	3840		
t_CurrParamCompQaxRef_Amp_u9p7[3]	5120		
t_CurrParamCompQaxRef_Amp_u9p7[4]	6400		
t_CurrParamCompQaxRef_Amp_u9p7[5]	7680		
t_CurrParamCompQaxRef_Amp_u9p7[6]	8960		
t_KeSatTblX_Amp_u9p7[0]	1280		
t_KeSatTblX_Amp_u9p7[1]	2560		
t_KeSatTblX_Amp_u9p7[2]	3840		
t_KeSatTblX_Amp_u9p7[3]	5120		
t_KeSatTblX_Amp_u9p7[4]	6400		
t_KeSatTblX_Amp_u9p7[5]	7680		
t_KeSatTblX_Amp_u9p7[6]	8960		
t_KeSatTblX_Amp_u9p7[7]	10240		
t_KeSatTblX_Amp_u9p7[8]	11520		
t_KeSatTblX_Amp_u9p7[9]	12800		
t_KeSatTblX_Amp_u9p7[10]	14080		
t_KeSatTblX_Amp_u9p7[11]	15360		
t_KeSatTblX_Amp_u9p7[12]	16640		
t_KeSatTblX_Amp_u9p7[13]	17920		
t_KeSatTblX_Amp_u9p7[14]	19200		
t_KeSatTblX_Amp_u9p7[15]	20480		
t_KeSatTblY_Uls_u2p14[0]	1966		
t_KeSatTblY_Uls_u2p14[1]	2130		
t_KeSatTblY_Uls_u2p14[2]	2294		
t_KeSatTblY_Uls_u2p14[3]	1802		
t_KeSatTblY_Uls_u2p14[4]	2621		
t_KeSatTblY_Uls_u2p14[5]	2785		
t_KeSatTblY_Uls_u2p14[6]	3277		
t_KeSatTblY_Uls_u2p14[7]	4915		
t_KeSatTbIY_Uls_u2p14[8] t_KeSatTbIY_Uls_u2p14[9]	2458 6554		
t KeSatTblY Uls u2p14[10]	1638		
	8192		
t_KeSatTbIY_Uls_u2p14[11] t KeSatTbIY Uls u2p14[12]	9830		
t_KeSatTblY_Uls_u2p14[13]	11469		
t_KeSatTblY_Uls_u2p14[13] 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 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_rer1_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
FastDataAccessBufIndex_Cnt_M_u16	1	1	Nesui
MtrEstKe_VpRadpS_M_f32[0]	0.670000017	0.670000017	
MtrEstKe_vpRadpS_M_i32[i] MtrEstKe_VpRadpS_M_f32[i]	0.670000017	0.0439999998	
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0439999998	0.0439999998	
tgt_ourn aramoump_renstre_vpraupo_ioz.value		0.0439999998 0.000280000007 ± 0.000000009	
tot CurrParamComp Per1 Fetl d Henry f32 value	10.000280000007		
tgt_CurrParamComp_Per1_EstLd_Henry_f32.value tgt_CurrParamComp_Per1_EstLq_Henry_f32.value	0.000280000007 0.000250000012	0.000250000007 ± 0.0000000009 0.000250000012 ± 0.0625	





Т				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	~

Manaa	Immut Value	
Name	Input Value 0.0610000007	
EstKeFF_VpRadpS_M_f32		
EstRFF_Ohm_M_f32 FastDataAccessBufIndex Cnt M u16	0.0195234492	
MtrEstKe_VpRadpS_M_f32[0]	0.048999987	
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	0.00319999992	
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	
2_CurrParamLdSatSclFac_Uls_u2p14[3][2]	8192	
2 CurrParamLdSatScIFac UIs u2p14[3][3]	11469	
t2_CurrParamLdSatSclFac_Uls_u2p14[3][4]	14746	
t2 CurrParamLdSatScIFac UIs u2p14[3][5]	29491	
t2_CurrParamLdSatSclFac_Uls_u2p14[3][6]	31130	
t2 CurrParamLdSatScIFac Uls u2p14[4][0]	1638	
2_CurrParamLdSatSciFac_Uls_u2p14[4][1]	3277	
2_CurrParamLdSatSciFac_Uls_u2p14[4][2]	4915	
2_CurrParamLdSatSciFac_Uls_u2p14[4][2]	6554	
t2_CurrParamLdSatSclFac_Uls_u2p14[4][4]	8192	
:2_CurrParamLdSatSclFac_Uls_u2p14[4][5]	9830	
	11469	
2_CurrParamLdSatSclFac_Uls_u2p14[4][6]	13107	
2_CurrParamLdSatSclFac_Uls_u2p14[5][0]		
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	
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_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
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
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
	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
t_KeSatTblX_Amp_u9p7[1]	2816
:_KeSatTblX_Amp_u9p7[2]	4224
_KeSatTblX_Amp_u9p7[3]	5632
_KeSatTblX_Amp_u9p7[4]	7040
t_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
	16640
_KeSatTblX_Amp_u9p7[11]	
_KeSatTblX_Amp_u9p7[12]	17920
_KeSatTblX_Amp_u9p7[13]	19200
_KeSatTblX_Amp_u9p7[14]	20480
_KeSatTbIX_Amp_u9p7[15]	21760
_KeSatTblY_Uls_u2p14[0]	2130
_KeSatTblY_Uls_u2p14[1]	2294
_KeSatTblY_Uls_u2p14[2]	2458
t_KeSatTblY_Uls_u2p14[3]	1966
1_1CO4(1011_013_42p1+101	

tgt_CurrParamComp_Per1_EstLd_Henry_f32.value

 $tgt_CurrParamComp_Per1_EstLq_Henry_f32.value$

tgt_CurrParamComp_Per1_EstR_Ohm_f32.value

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0.000289999996 ± 0.0000000009

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	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		
$tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3.222222222222222222222222222222222222$	tgt_CurrParamComp_Per1_MtrCurrDaxRef_a	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]	0.0480000004	0.0480000004	~
MtrEstKe_VpRadpS_M_f32[1]	0.0649999976	0.0649999976	✓
tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value	0.0480000004	0.0480000004	•

T				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	✓

0.000289999996

0.000260000001

0.0949999988