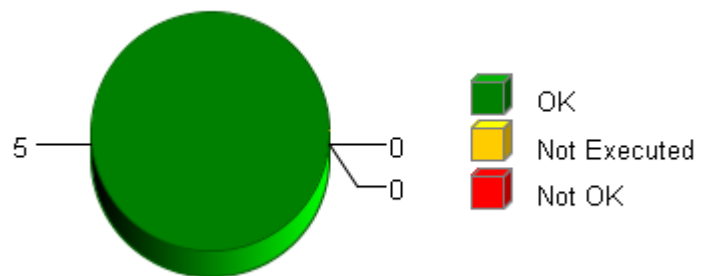


Summary

Total Test Objects: 5
Successful: 5
Failed: 0
Not Executed: 0
Date: 2016-09-15
Time: 13:31:25+0530

Overall Test Object Results (including Coverage)



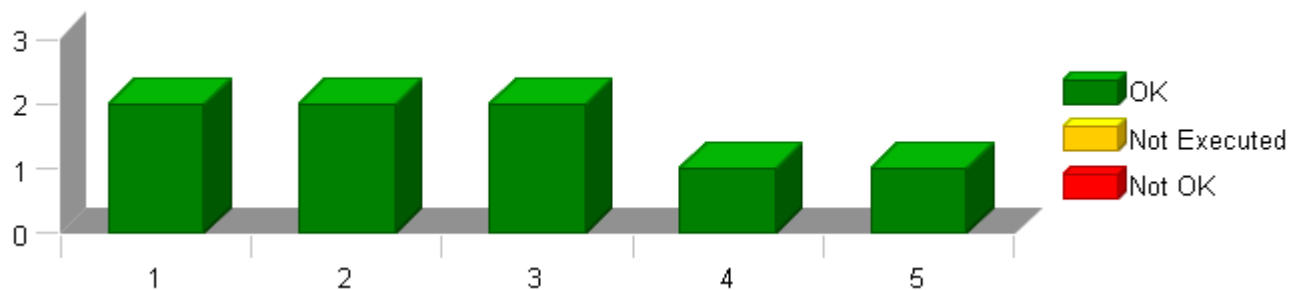
Selected Project Items

Test Object "CBD_UnitTest/CurrParamComp/CurrParamComp_Init"
Test Object "CBD_UnitTest/CurrParamComp/CurrParamComp_Per1"
Test Object "CBD_UnitTest/CurrParamComp/CurrParamComp_Per2"
Test Object "CBD_UnitTest/CurrParamComp/SCom_EOLNomMtrParam_Get"
Test Object "CBD_UnitTest/CurrParamComp/SCom_EOLNomMtrParam_Set"

Used Test Environments

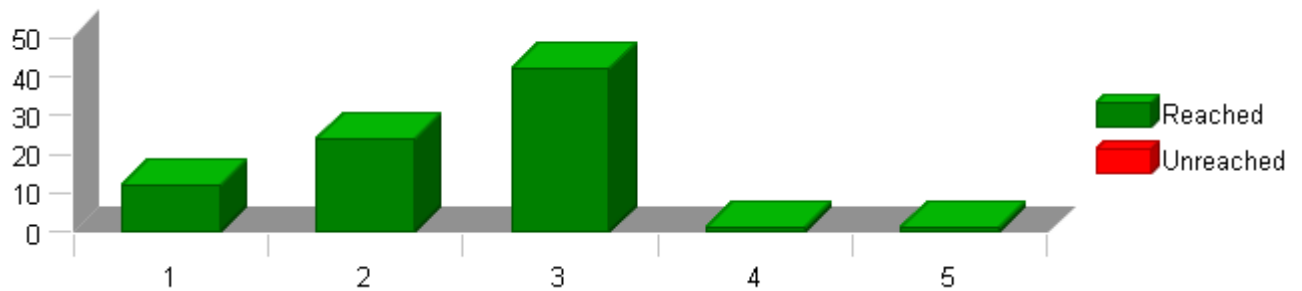
TI TMS 570 PLS UDE (Default)

Test Case Results for Each Test Object (without Coverage)



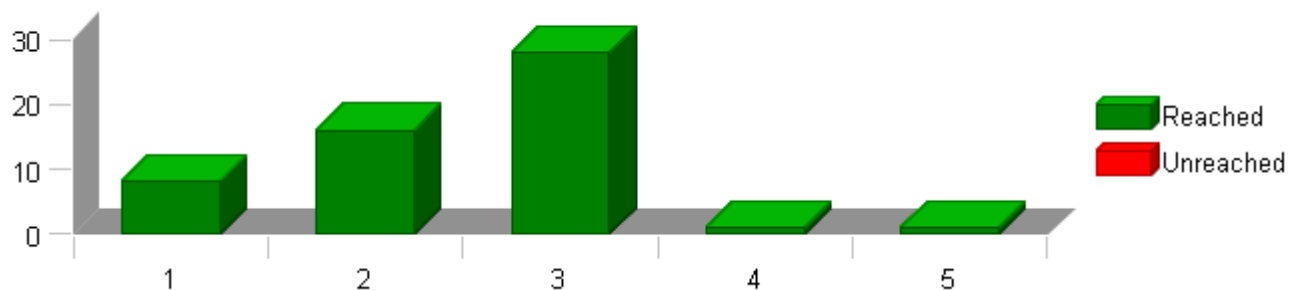
The table above shows each test object on the x axis and the number of test cases of the respective test object on the y axis. Each bar is divided into passed, not executed and failed test cases. The test case results do not take into account any coverage result (i.e. if all test cases of a test object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

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



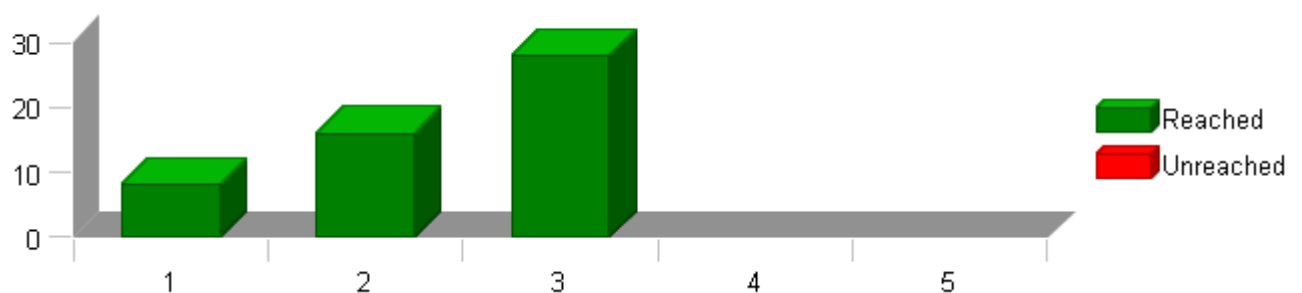
The table above shows each test object on the x axis and the number of statements of the respective test object on the y axis. Each bar is divided into reached statements (i.e. statements that have been executed during the test) and unreached statements.

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



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

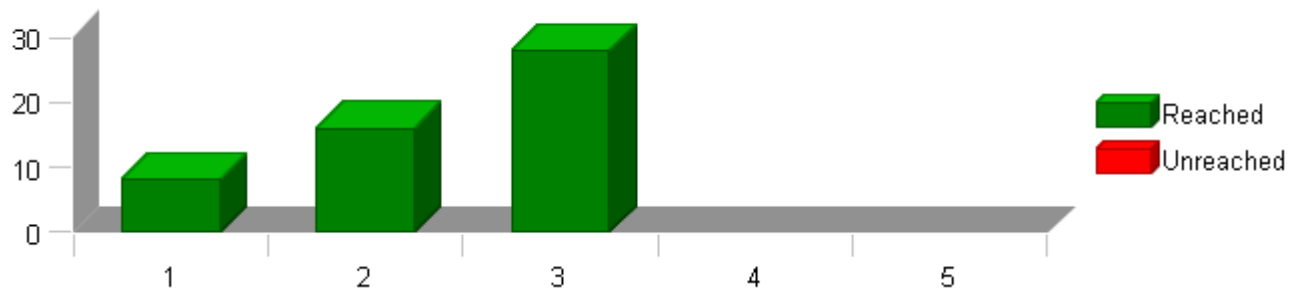
Decision Coverage: Total Decision Outcomes for Each Test Object



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

Each bar is divided into reached and unreached decision outcomes.

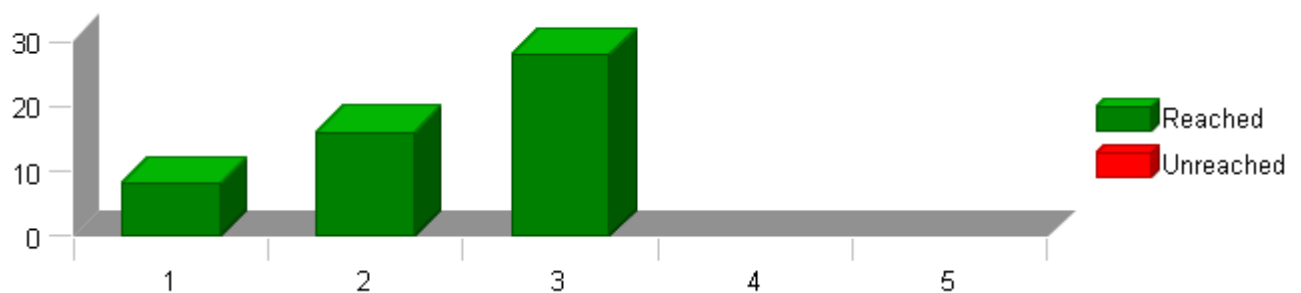
MC/DC Coverage: Total Condition Combinations for Each Test Object



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

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

MCC Coverage: Total Condition Combinations for Each Test Object



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

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

Test 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 | ✓ |

TEST DETAILS REPORT

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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)\NxtLib\src\interpolation.c |
| Compiler Options | -D_DATA_ACCESS=-D__inline=-Dconst=-I\$(PROJECTROOT)\MtrCtrl_CM\utpl\contract -I\$(PROJECTROOT)\NxtLib\include -I\$(PROJECTROOT)\MtrCtrl_CM\utpl\contract\Ap_CurrParamComp -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\MtrCtrl_CM\include -I\$(Compiler Install Path)\include |
| File | \$(PROJECTROOT)\MtrCtrl_CM\src\Ap_CurrParamComp.c |
| Compiler Options | -D_DATA_ACCESS=-D__inline=-Dconst=-I\$(PROJECTROOT)\MtrCtrl_CM\utpl\contract -I\$(PROJECTROOT)\NxtLib\include -I\$(PROJECTROOT)\MtrCtrl_CM\utpl\contract\Ap_CurrParamComp -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\MtrCtrl_CM\include -I\$(Compiler Install Path)\include |

Comments/Description/Specification

| Name | Text |
|------------------------|--|
| Module 'CurrParamComp' | *****Unit Test Information***** Name of Tester: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: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 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 | \$(PROJECTROOT)\UnitTestEnv\static_build_files\obj |

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CurrParamComp_Init



| 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 |

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CurrParamComp_Init

Test Case 1: Metrics Test

| | |
|----------------------|--|
| Specification | Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles: 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 | target_CurrParamComp_Init_EstKe_VpRadpS_f32 | | |
| target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32 | target_CurrParamComp_Init_EstLd_Henry_f32 | | |
| target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLq_Henry_f32 | target_CurrParamComp_Init_EstLq_Henry_f32 | | |
| target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstR_Ohm_f32 | target_CurrParamComp_Init_EstR_Ohm_f32 | | |
| target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam | target_Pim_EOLNomMtrParam | | |
| Name | Actual Value | Expected Value | Result |
| MtrEstKe_VpRadpS_M_f32[0] | 0.075000003 | 0.075000003 | ✓ |
| MtrEstKe_VpRadpS_M_f32[1] | 0.075000003 | 0.075000003 | ✓ |
| target_CurrParamComp_Init_EstKe_VpRadpS_f32.value | 0.075000003 | 0.075000003 | ✓ |
| target_CurrParamComp_Init_EstLd_Henry_f32.value | 0.000410000008 | 0.000410000008 | ✓ |
| target_CurrParamComp_Init_EstLq_Henry_f32.value | 0.000410000008 | 0.000410000008 | ✓ |
| target_CurrParamComp_Init_EstR_Ohm_f32.value | 0.125650004 | 0.125650004 | ✓ |

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

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

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CurrParamComp_Init

Test Case 2: Boundary Test

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

CPU Cycles:

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

Description Vector Description:

TS2.1 All min
TS2.2 Allmax
TS2.3 k_NomLd_Henry_f32 min
TS2.4 k_NomLd_Henry_f32 max
TS2.5 k_NomLd_Henry_f32 pos/Default
TS2.6 k_NomLq_Henry_f32 min
TS2.7 k_NomLq_Henry_f32 max
TS2.8 k_NomLq_Henry_f32 pos/Default
TS2.9 Rte_Pim_EOLNomMtrParam.Pim_EOLNomMtrParam.NomRmtr_Ohm_f32 min
TS2.10 Rte_Pim_EOLNomMtrParam.Pim_EOLNomMtrParam.NomRmtr_Ohm_f32 max
TS2.11 Rte_Pim_EOLNomMtrParam.Pim_EOLNomMtrParam.NomRmtr_Ohm_f32 pos
TS2.12 Rte_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32 min
TS2.13 Rte_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32 max
TS2.14 Rte_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32 pos
TS2.15 k_MinKeRngLmt_VpRadpS_f32 min
TS2.16 k_MinKeRngLmt_VpRadpS_f32 max
TS2.17 k_MinKeRngLmt_VpRadpS_f32 pos/Default
TS2.18 k_MaxKeRngLmt_VpRadpS_f32 min
TS2.19 k_MaxKeRngLmt_VpRadpS_f32 max
TS2.20 k_MaxKeRngLmt_VpRadpS_f32 pos/Default

Test Step 2.1 (Repeat Count = 1)

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

| 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 | 0.00041000008 |

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| Name | Input Value |
|---|---|
| k_NomLq_Henry_f32 | 0.000410000008 |
| target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32 | 0.075000003 |
| target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32 | 0.125650004 |
| target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstKe_VpRadpS_f32 | target_CurrParamComp_Init_EstKe_VpRadpS_f32 |
| target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32 | target_CurrParamComp_Init_EstLd_Henry_f32 |
| target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLq_Henry_f32 | target_CurrParamComp_Init_EstLq_Henry_f32 |
| target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstR_Ohm_f32 | target_CurrParamComp_Init_EstR_Ohm_f32 |
| target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam | target_Pim_EOLNomMtrParam |

| Name | Actual Value | Expected Value | Result |
|---|----------------|----------------|--------|
| MtrEstKe_VpRadpS_M_f32[0] | 0.075000003 | 0.075000003 | ✓ |
| MtrEstKe_VpRadpS_M_f32[1] | 0.075000003 | 0.075000003 | ✓ |
| target_CurrParamComp_Init_EstKe_VpRadpS_f32.value | 0.075000003 | 0.075000003 | ✓ |
| target_CurrParamComp_Init_EstLd_Henry_f32.value | 0.000410000008 | 0.000410000008 | ✓ |
| target_CurrParamComp_Init_EstLq_Henry_f32.value | 0.000410000008 | 0.000410000008 | ✓ |
| target_CurrParamComp_Init_EstR_Ohm_f32.value | 0.125650004 | 0.125650004 | ✓ |

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

Test Step 2.3 (Repeat Count = 1)

| Name | Input Value |
|---|---|
| Rte_Inst_Ap_CurrParamComp | target_Rte_Inst_Ap_CurrParamComp |
| k_MaxKeRngLmt_VpRadpS_f32 | 0.041200008 |
| k_MinKeRngLmt_VpRadpS_f32 | 0.026900009 |
| k_NomLd_Henry_f32 | 2.99999992e-005 |
| k_NomLq_Henry_f32 | 0.00026999999 |
| target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32 | 0.0375000015 |
| target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32 | 0.0781000033 |
| target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstKe_VpRadpS_f32 | target_CurrParamComp_Init_EstKe_VpRadpS_f32 |
| target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32 | target_CurrParamComp_Init_EstLd_Henry_f32 |
| target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLq_Henry_f32 | target_CurrParamComp_Init_EstLq_Henry_f32 |
| target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstR_Ohm_f32 | target_CurrParamComp_Init_EstR_Ohm_f32 |
| target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam | target_Pim_EOLNomMtrParam |

| Name | Actual Value | Expected Value | Result |
|---|-----------------|-----------------|--------|
| MtrEstKe_VpRadpS_M_f32[0] | 0.0375000015 | 0.0375000015 | ✓ |
| MtrEstKe_VpRadpS_M_f32[1] | 0.0375000015 | 0.0375000015 | ✓ |
| target_CurrParamComp_Init_EstKe_VpRadpS_f32.value | 0.0375000015 | 0.0375000015 | ✓ |
| target_CurrParamComp_Init_EstLd_Henry_f32.value | 2.99999992e-005 | 2.99999992e-005 | ✓ |
| target_CurrParamComp_Init_EstLq_Henry_f32.value | 0.00026999999 | 0.00026999999 | ✓ |
| target_CurrParamComp_Init_EstR_Ohm_f32.value | 0.0781000033 | 0.0781000033 | ✓ |

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

Test Step 2.4 (Repeat Count = 1)

| Name | Input Value |
|---|---|
| Rte_Inst_Ap_CurrParamComp | target_Rte_Inst_Ap_CurrParamComp |
| k_MaxKeRngLmt_VpRadpS_f32 | 0.042899998 |
| k_MinKeRngLmt_VpRadpS_f32 | 0.0273000002 |
| k_NomLd_Henry_f32 | 0.000410000008 |
| k_NomLq_Henry_f32 | 0.000180000003 |
| target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32 | 0.0388999991 |
| target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32 | 0.0577999987 |
| target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstKe_VpRadpS_f32 | target_CurrParamComp_Init_EstKe_VpRadpS_f32 |
| target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32 | target_CurrParamComp_Init_EstLd_Henry_f32 |
| target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLq_Henry_f32 | target_CurrParamComp_Init_EstLq_Henry_f32 |
| target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstR_Ohm_f32 | target_CurrParamComp_Init_EstR_Ohm_f32 |
| target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam | target_Pim_EOLNomMtrParam |

| Name | Actual Value | Expected Value | Result |
|---|----------------|----------------|--------|
| MtrEstKe_VpRadpS_M_f32[0] | 0.0388999991 | 0.0388999991 | ✓ |
| MtrEstKe_VpRadpS_M_f32[1] | 0.0388999991 | 0.0388999991 | ✓ |
| target_CurrParamComp_Init_EstKe_VpRadpS_f32.value | 0.0388999991 | 0.0388999991 | ✓ |
| target_CurrParamComp_Init_EstLd_Henry_f32.value | 0.000410000008 | 0.000410000008 | ✓ |
| target_CurrParamComp_Init_EstLq_Henry_f32.value | 0.000180000003 | 0.000180000003 | ✓ |

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

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

Test Step 2.5 (Repeat Count = 1)

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

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

Test Step 2.6 (Repeat Count = 1)

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

| 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_VpRadpS_f32 | | |
| target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32 | target_CurrParamComp_Init_EstLd_Henry_f32 | | |
| target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLq_Henry_f32 | target_CurrParamComp_Init_EstLq_Henry_f32 | | |
| target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstR_Ohm_f32 | target_CurrParamComp_Init_EstR_Ohm_f32 | | |
| target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam | target_Pim_EOLNomMtrParam | | |
| Name | Actual Value | Expected Value | Result |
| MtrEstKe_VpRadpS_M_f32[0] | 0.0430999994 | 0.0430999994 | ✔ |
| MtrEstKe_VpRadpS_M_f32[1] | 0.0430999994 | 0.0430999994 | ✔ |
| target_CurrParamComp_Init_EstKe_VpRadpS_f32.value | 0.0430999994 | 0.0430999994 | ✔ |
| target_CurrParamComp_Init_EstLd_Henry_f32.value | 0.000180000003 | 0.000180000003 | ✔ |
| target_CurrParamComp_Init_EstLq_Henry_f32.value | 0.000410000008 | 0.000410000008 | ✔ |
| target_CurrParamComp_Init_EstR_Ohm_f32.value | 0.0680999979 | 0.0680999979 | ✔ |

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

Test Step 2.8 (Repeat Count = 1)

| Name | Input Value | | |
|---|---|----------------|--------|
| Rte_Inst_Ap_CurrParamComp | target_Rte_Inst_Ap_CurrParamComp | | |
| k_MaxKeRngLmt_VpRadpS_f32 | 0.0496999994 | | |
| k_MinKeRngLmt_VpRadpS_f32 | 0.0288999993 | | |
| k_NomLd_Henry_f32 | 0.000310000003 | | |
| k_NomLq_Henry_f32 | 0.000118889999 | | |
| target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32 | 0.0445000008 | | |
| target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32 | 0.0790000036 | | |
| target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstKe_VpRadpS_f32 | target_CurrParamComp_Init_EstKe_VpRadpS_f32 | | |
| target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32 | target_CurrParamComp_Init_EstLd_Henry_f32 | | |
| target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLq_Henry_f32 | target_CurrParamComp_Init_EstLq_Henry_f32 | | |
| target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstR_Ohm_f32 | target_CurrParamComp_Init_EstR_Ohm_f32 | | |
| target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam | target_Pim_EOLNomMtrParam | | |
| Name | Actual Value | Expected Value | Result |
| MtrEstKe_VpRadpS_M_f32[0] | 0.0445000008 | 0.0445000008 | ✔ |
| MtrEstKe_VpRadpS_M_f32[1] | 0.0445000008 | 0.0445000008 | ✔ |
| target_CurrParamComp_Init_EstKe_VpRadpS_f32.value | 0.0445000008 | 0.0445000008 | ✔ |
| target_CurrParamComp_Init_EstLd_Henry_f32.value | 0.000310000003 | 0.000310000003 | ✔ |
| target_CurrParamComp_Init_EstLq_Henry_f32.value | 0.000118889999 | 0.000118889999 | ✔ |
| target_CurrParamComp_Init_EstR_Ohm_f32.value | 0.0790000036 | 0.0790000036 | ✔ |

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

Test Step 2.9 (Repeat Count = 1)

| Name | Input Value | | |
|---|---|----------------|--------|
| Rte_Inst_Ap_CurrParamComp | target_Rte_Inst_Ap_CurrParamComp | | |
| k_MaxKeRngLmt_VpRadpS_f32 | 0.0513999984 | | |
| k_MinKeRngLmt_VpRadpS_f32 | 0.0293000005 | | |
| k_NomLd_Henry_f32 | 0.00026999999 | | |
| k_NomLq_Henry_f32 | 0.000209999998 | | |
| target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32 | 0.0458999984 | | |
| target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32 | 0.00499999989 | | |
| target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstKe_VpRadpS_f32 | target_CurrParamComp_Init_EstKe_VpRadpS_f32 | | |
| target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32 | target_CurrParamComp_Init_EstLd_Henry_f32 | | |
| target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLq_Henry_f32 | target_CurrParamComp_Init_EstLq_Henry_f32 | | |
| target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstR_Ohm_f32 | target_CurrParamComp_Init_EstR_Ohm_f32 | | |
| target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam | target_Pim_EOLNomMtrParam | | |
| Name | Actual Value | Expected Value | Result |
| MtrEstKe_VpRadpS_M_f32[0] | 0.0458999984 | 0.0458999984 | ✔ |
| MtrEstKe_VpRadpS_M_f32[1] | 0.0458999984 | 0.0458999984 | ✔ |
| target_CurrParamComp_Init_EstKe_VpRadpS_f32.value | 0.0458999984 | 0.0458999984 | ✔ |
| target_CurrParamComp_Init_EstLd_Henry_f32.value | 0.00026999999 | 0.00026999999 | ✔ |

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

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

Test Step 2.10 (Repeat Count = 1)

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

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

Test Step 2.11 (Repeat Count = 1)

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

| T | | | | |
|-----------------|-------|--------------------------|-------|--------|
| 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_VpRadpS_f32 | | |
| target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32 | target_CurrParamComp_Init_EstLd_Henry_f32 | | |
| target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLq_Henry_f32 | target_CurrParamComp_Init_EstLq_Henry_f32 | | |
| target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstR_Ohm_f32 | target_CurrParamComp_Init_EstR_Ohm_f32 | | |
| target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam | target_Pim_EOLNomMtrParam | | |
| Name | Actual Value | Expected Value | Result |
| MtrEstKe_VpRadpS_M_f32[0] | 0.0305000003 | 0.0305000003 | ✓ |
| MtrEstKe_VpRadpS_M_f32[1] | 0.0305000003 | 0.0305000003 | ✓ |
| target_CurrParamComp_Init_EstKe_VpRadpS_f32.value | 0.0305000003 | 0.0305000003 | ✓ |
| target_CurrParamComp_Init_EstLd_Henry_f32.value | 0.000300000014 | 0.000300000014 | ✓ |
| target_CurrParamComp_Init_EstLq_Henry_f32.value | 0.000255999999 | 0.000255999999 | ✓ |
| target_CurrParamComp_Init_EstR_Ohm_f32.value | 0.0781000033 | 0.0781000033 | ✓ |

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

Test Step 2.13 (Repeat Count = 1)

| Name | Input Value | | |
|---|---|----------------|--------|
| Rte_Inst_Ap_CurrParamComp | target_Rte_Inst_Ap_CurrParamComp | | |
| k_MaxKeRngLmt_VpRadpS_f32 | 0.0582000017 | | |
| k_MinKeRngLmt_VpRadpS_f32 | 0.0308999997 | | |
| k_NomLd_Henry_f32 | 0.000280000007 | | |
| k_NomLq_Henry_f32 | 0.000269999999 | | |
| target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32 | 0.0750000003 | | |
| target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32 | 0.0891999975 | | |
| target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstKe_VpRadpS_f32 | target_CurrParamComp_Init_EstKe_VpRadpS_f32 | | |
| target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32 | target_CurrParamComp_Init_EstLd_Henry_f32 | | |
| target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLq_Henry_f32 | target_CurrParamComp_Init_EstLq_Henry_f32 | | |
| target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstR_Ohm_f32 | target_CurrParamComp_Init_EstR_Ohm_f32 | | |
| target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam | target_Pim_EOLNomMtrParam | | |
| Name | Actual Value | Expected Value | Result |
| MtrEstKe_VpRadpS_M_f32[0] | 0.0582000017 | 0.0582000017 | ✔ |
| MtrEstKe_VpRadpS_M_f32[1] | 0.0582000017 | 0.0582000017 | ✔ |
| target_CurrParamComp_Init_EstKe_VpRadpS_f32.value | 0.0582000017 | 0.0582000017 | ✔ |
| target_CurrParamComp_Init_EstLd_Henry_f32.value | 0.000280000007 | 0.000280000007 | ✔ |
| target_CurrParamComp_Init_EstLq_Henry_f32.value | 0.000269999999 | 0.000269999999 | ✔ |
| target_CurrParamComp_Init_EstR_Ohm_f32.value | 0.0891999975 | 0.0891999975 | ✔ |

| 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_VpRadpS_f32 | | |
| target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32 | target_CurrParamComp_Init_EstLd_Henry_f32 | | |
| target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLq_Henry_f32 | target_CurrParamComp_Init_EstLq_Henry_f32 | | |
| target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstR_Ohm_f32 | target_CurrParamComp_Init_EstR_Ohm_f32 | | |
| target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam | target_Pim_EOLNomMtrParam | | |
| Name | Actual Value | Expected Value | Result |
| MtrEstKe_VpRadpS_M_f32[0] | 0.0529000014 | 0.0529000014 | ✓ |
| MtrEstKe_VpRadpS_M_f32[1] | 0.0529000014 | 0.0529000014 | ✓ |
| target_CurrParamComp_Init_EstKe_VpRadpS_f32.value | 0.0529000014 | 0.0529000014 | ✓ |

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CurrParamComp_Init

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

| 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 | 0.000269999999 | | |
| k_NomLq_Henry_f32 | 0.0002099999998 | | |
| target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32 | 0.054299999 | | |
| target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32 | 0.0781000033 | | |
| target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstKe_VpRadpS_f32 | target_CurrParamComp_Init_EstKe_VpRadpS_f32 | | |
| target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLd_Henry_f32 | target_CurrParamComp_Init_EstLd_Henry_f32 | | |
| target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstLq_Henry_f32 | target_CurrParamComp_Init_EstLq_Henry_f32 | | |
| target_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Init_EstR_Ohm_f32 | target_CurrParamComp_Init_EstR_Ohm_f32 | | |
| target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam | target_Pim_EOLNomMtrParam | | |
| Name | Actual Value | Expected Value | Result |
| MtrEstKe_VpRadpS_M_f32[0] | 0.054299999 | 0.054299999 | ✔ |
| MtrEstKe_VpRadpS_M_f32[1] | 0.054299999 | 0.054299999 | ✔ |
| target_CurrParamComp_Init_EstKe_VpRadpS_f32.value | 0.054299999 | 0.054299999 | ✔ |
| target_CurrParamComp_Init_EstLd_Henry_f32.value | 0.000269999999 | 0.000269999999 | ✔ |
| target_CurrParamComp_Init_EstLq_Henry_f32.value | 0.0002099999998 | 0.0002099999998 | ✔ |
| 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 2.16 (Repeat Count = 1)

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

| T | | | | |
|-----------------|-------|--------------------------|-------|--------|
| 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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CurrParamComp_Init

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

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

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

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

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

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

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

Test Step 2.20 (Repeat Count = 1)

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

| T | | | | |
|-----------------|-------|--------------------------|-------|--------|
| Actual Function | Count | Expected Function | Count | Result |
| *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=-D__inline=-Dconst=-I\$(PROJECTROOT)\MtrCtrl_CM\utp\contract -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\MtrCtrl_CM\utp\contract\Ap_CurrParamComp -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\MtrCtrl_CM\include -I\$(Compiler Install Path)\include |
| File | \$(PROJECTROOT)\MtrCtrl_CM\src\Ap_CurrParamComp.c |
| Compiler Options | -D_DATA_ACCESS=-D__inline=-Dconst=-I\$(PROJECTROOT)\MtrCtrl_CM\utp\contract -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\MtrCtrl_CM\utp\contract\Ap_CurrParamComp -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\MtrCtrl_CM\include -I\$(Compiler Install Path)\include |

Comments/Description/Specification

| Name | Text |
|------------------------|---|
| Module 'CurrParamComp' | <p>*****Unit Test Information*****</p> <p>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:5 Optimization Level:Level 2 Compiler (CodeGen) Version:TMS470_4.9.5 Model Type:Excel Macro Model Version:Nexteer EPS Unit Test Tool 2.7/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 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'."</p> <p>*****</p> |

Attributes

| Name | Value |
|-----------------------|--|
| Compiler Install Path | \$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5 |
| Float Precision | 9 |
| InitObjDir | \$(PROJECTROOT)\UnitTestEnv\static_build_files\obj |
| InitSrcDir | \$(PROJECTROOT)\UnitTestEnv\static_build_files\src |
| Linker File | \$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd |
| Makefile Template | \$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.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 | D:\Synergy_Work_Area\MtrCtrl_CM_SF99B\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP |

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SCom_EOLNomMtrParam_Get



Test Case 1: Boundary Test

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

CPU Cycles:

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

Description Vector Description

TS1.1 Rte_Pim_EOLNomMtrParam.Pim_EOLNomMtrParam.NomKe_VpRadpS_f32 min
TS1.2 Rte_Pim_EOLNomMtrParam.Pim_EOLNomMtrParam.NomKe_VpRadpS_f32 max
TS1.3 Rte_Pim_EOLNomMtrParam.Pim_EOLNomMtrParam.NomKe_VpRadpS_f32 pos
TS1.4 Rte_Pim_EOLNomMtrParam.Pim_EOLNomMtrParam.NomRmtr_Ohm_f32 min
TS1.5 Rte_Pim_EOLNomMtrParam.Pim_EOLNomMtrParam.NomRmtr_Ohm_f32 max
TS1.6 Rte_Pim_EOLNomMtrParam.Pim_EOLNomMtrParam.NomRmtr_Ohm_f32 pos
TS1.7 All min
TS1.8 All max

Test Step 1.1 (Repeat Count = 1)

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

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

Test Step 1.2 (Repeat Count = 1)

| Name | Input Value | | |
|---|----------------------------------|----------------|--------|
| NomKe_VpRadpS_f32 | target_NomKe_VpRadpS_f32 | | |
| NomRmtr_Ohm_f32 | target_NomRmtr_Ohm_f32 | | |
| Rte_Inst_Ap_CurrParamComp | target_Rte_Inst_Ap_CurrParamComp | | |
| target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32 | 0.075000003 | | |
| target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32 | 0.0571999997 | | |
| target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam | target_Pim_EOLNomMtrParam | | |
| Name | Actual Value | Expected Value | Result |
| target_NomKe_VpRadpS_f32 | 0.0750000003 | 0.0750000003 | ✔ |
| target_NomRmtr_Ohm_f32 | 0.0571999997 | 0.0571999997 | ✔ |

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

Test Step 1.3 (Repeat Count = 1)

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

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SCom_EOLNomMtrParam_Get



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

Test Step 1.4 (Repeat Count = 1)

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

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

Test Step 1.5 (Repeat Count = 1)

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

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

Test Step 1.6 (Repeat Count = 1)

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

| 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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SCom_EOLNomMtrParam_Get

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

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

| Test Step 1.8 (Repeat Count = 1) | | | | | ✓ |
|---|--------------|----------------------------------|--------|--|---|
| Name | | Input Value | | | |
| NomKe_VpRadpS_f32 | | target_NomKe_VpRadpS_f32 | | | |
| NomRmtr_Ohm_f32 | | target_NomRmtr_Ohm_f32 | | | |
| Rte_Inst_Ap_CurrParamComp | | target_Rte_Inst_Ap_CurrParamComp | | | |
| target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32 | | 0.0750000003 | | | |
| target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32 | | 0.125650004 | | | |
| target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam | | target_Pim_EOLNomMtrParam | | | |
| Name | Actual Value | Expected Value | Result | | |
| target_NomKe_VpRadpS_f32 | 0.0750000003 | 0.0750000003 | ✓ | | |
| target_NomRmtr_Ohm_f32 | 0.125650004 | 0.125650004 | ✓ | | |

| T | | | | | ✓ |
|-----------------|-------|--------------------------|-------|--------|---|
| 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)\NxtLib\src\interpolation.c |
| Compiler Options | -D_DATA_ACCESS=-D__inline=-Dconst=-I\$(PROJECTROOT)\MtrCtrl_CM\utpl\contract -I\$(PROJECTROOT)\NxtLib\include -I\$(PROJECTROOT)\MtrCtrl_CM\utpl\contract\Ap_CurrParamComp -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\MtrCtrl_CM\include -I\$(Compiler Install Path)\include |
| File | \$(PROJECTROOT)\MtrCtrl_CM\src\Ap_CurrParamComp.c |
| Compiler Options | -D_DATA_ACCESS=-D__inline=-Dconst=-I\$(PROJECTROOT)\MtrCtrl_CM\utpl\contract -I\$(PROJECTROOT)\NxtLib\include -I\$(PROJECTROOT)\MtrCtrl_CM\utpl\contract\Ap_CurrParamComp -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\MtrCtrl_CM\include -I\$(Compiler Install Path)\include |

Comments/Description/Specification

| Name | Text |
|------------------------|--|
| Module 'CurrParamComp' | <p>*****Unit Test Information*****</p> <p>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: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 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'."</p> <p>*****</p> |

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 | \$(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 |

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CurrParamComp_Per2

Test Case 1: Metrics Test

| | |
|----------------------|---|
| Specification | Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles: 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 | -0.000330000001 | | |
| k_MaxKeRngLmt_VpRadpS_f32 | 0.0710000023 | | |
| k_MaxRRngLmt_Ohm_f32 | 0.0280000009 | | |
| k_MinKeRngLmt_VpRadpS_f32 | 0.0260000005 | | |
| k_MinRRngLmt_Ohm_f32 | 0.0430000015 | | |
| k_NomRfet_Ohm_f32 | 0.0130000003 | | |
| k_NomTemp_DegC_f32 | 46.769001 | | |
| k_SiThermCoeff_OhmpDegC_f32 | 0 | | |
| tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value | 300 | | |
| tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value | 200 | | |
| tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value | 150 | | |
| tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32 | 0.075000003 | | |
| tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32 | 0.125650004 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32 | tgt_CurrParamComp_Per2_CuTempEst_DegC_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32 | tgt_CurrParamComp_Per2_MagTempEst_DegC_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32 | tgt_CurrParamComp_Per2_SiTempEst_DegC_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam | tgt_Pim_EOLNomMtrParam | | |
| Name | Actual Value | Expected Value | Result |
| EstKeFF_VpRadpS_M_f32 | 0.0710000023 | 0.0710000023 | ✔ |
| EstRFF_Ohm_M_f32 | 0.0280000009 | 0.0280000009 | ✔ |

| 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 1.2 (Repeat Count = 1)

| Name | Input Value |
|--|--|
| Rte_Inst_Ap_CurrParamComp | tgt_Rte_Inst_Ap_CurrParamComp |
| k_CuThermCoeff_OhmpDegC_f32 | 0.000769099977 |
| k_MagThrC_VpRadpSpDegC_f32 | 0.000199999995 |
| k_MaxKeRngLmt_VpRadpS_f32 | 0.0350000001 |
| k_MaxRRngLmt_Ohm_f32 | 0.0309999995 |
| k_MinKeRngLmt_VpRadpS_f32 | 0.0379999988 |
| k_MinRRngLmt_Ohm_f32 | 0.0430000015 |
| k_NomRfet_Ohm_f32 | 0.0199999996 |
| k_NomTemp_DegC_f32 | 92.0329971 |
| k_SiThermCoeff_OhmpDegC_f32 | 0.000360000005 |
| tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value | 19.4440002 |
| tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value | -41.3580017 |
| tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value | 81.1650009 |
| tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32 | 0.00999999978 |
| tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32 | 0.00499999989 |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32 | tgt_CurrParamComp_Per2_CuTempEst_DegC_f32 |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32 | tgt_CurrParamComp_Per2_MagTempEst_DegC_f32 |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32 | tgt_CurrParamComp_Per2_SiTempEst_DegC_f32 |

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CurrParamComp_Per2

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

| 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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CurrParamComp_Per2



Test Case 2: Boundary Test





| | |
|---------------|--|
| Specification | 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 |
| | TS2.4 690.00 Cycles |
| | TS2.5 690.00 Cycles |
| | TS2.6 700.00 Cycles |
| | TS2.7 682.00 Cycles |
| | TS2.8 690.00 Cycles |
| | TS2.9 700.00 Cycles |
| | TS2.10 681.00 Cycles |
| | TS2.11 690.00 Cycles |
| | TS2.12 700.00 Cycles |
| | TS2.13 671.00 Cycles |
| | TS2.14 691.00 Cycles |
| | TS2.15 682.00 Cycles |
| | TS2.16 700.00 Cycles |
| | TS2.17 700.00 Cycles |
| | TS2.18 690.00 Cycles |
| | TS2.19 700.00 Cycles |
| | TS2.20 700.00 Cycles |
| | TS2.21 671.00 Cycles |
| | TS2.22 700.00 Cycles |
| | TS2.23 690.00 Cycles |
| | TS2.24 681.00 Cycles |
| | TS2.25 700.00 Cycles |
| | TS2.26 700.00 Cycles |
| | TS2.27 690.00 Cycles |
| | TS2.28 690.00 Cycles |
| | TS2.29 700.00 Cycles |
| | TS2.30 671.00 Cycles |
| | TS2.31 692.00 Cycles |
| | TS2.32 672.00 Cycles |
| | TS2.33 701.00 Cycles |
| | TS2.34 700.00 Cycles |
| | TS2.35 700.00 Cycles |
| | TS2.36 701.00 Cycles |
| | TS2.37 700.00 Cycles |
| | TS2.38 671.00 Cycles |
| | TS2.39 700.00 Cycles |
| | TS2.40 681.00 Cycles |
| | TS2.41 690.00 Cycles |
| | TS2.42 699.00 Cycles |
| | TS2.43 681.00 Cycles |
| | TS2.44 690.00 Cycles |
| | TS2.45 709.00 Cycles |
| | TS2.46 671.00 Cycles |
| | TS2.47 681.00 Cycles |
| | TS2.48 699.00 Cycles |
| | TS2.49 700.00 Cycles |
| | TS2.50 709.00 Cycles |
| | TS2.51 671.00 Cycles |
| | TS2.52 690.00 Cycles |
| | TS2.53 692.00 Cycles |
| | TS2.54 681.00 Cycles |
| | TS2.55 700.00 Cycles |

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CurrParamComp_Per2

Description

Vector Description:

TS 2.1All min
TS 2.2All max
TS 2.3CuTempEst_DegC_f32 min
TS 2.4CuTempEst_DegC_f32 max
TS 2.5CuTempEst_DegC_f32 zero
TS 2.6CuTempEst_DegC_f32 neg
TS 2.7CuTempEst_DegC_f32 pos
TS 2.8MagTempEst_DegC_f32 min
TS 2.9MagTempEst_DegC_f32 max
TS 2.10MagTempEst_DegC_f32 zero
TS 2.11MagTempEst_DegC_f32 neg
TS 2.12MagTempEst_DegC_f32 pos
TS 2.13SiTempEst_DegC_f32 min
TS 2.14SiTempEst_DegC_f32 max
TS 2.15SiTempEst_DegC_f32 zero
TS 2.16SiTempEst_DegC_f32 neg
TS 2.17SiTempEst_DegC_f32 pos
TS 2.18k_NomTemp_DegC_f32 min
TS 2.19k_NomTemp_DegC_f32 pos
TS 2.20k_NomTemp_DegC_f32 zero
TS 2.21k_NomTemp_DegC_f32 neg
TS 2.22k_NomTemp_DegC_f32 pos
TS 2.23k_NomTemp_DegC_f32 Default
TS 2.24k_MagThrC_VpRadpSpDegC_f32 min
TS 2.25k_MagThrC_VpRadpSpDegC_f32 max
TS 2.26k_MagThrC_VpRadpSpDegC_f32 zero
TS 2.27k_MagThrC_VpRadpSpDegC_f32 neg/Default
TS 2.28k_MagThrC_VpRadpSpDegC_f32 pos
TS 2.29k_MinKeRngLmt_VpRadpS_f32 min
TS 2.30k_MinKeRngLmt_VpRadpS_f32 max
TS 2.31k_MinKeRngLmt_VpRadpS_f32 pos/Default
TS 2.32k_MaxKeRngLmt_VpRadpS_f32 min
TS 2.33k_MaxKeRngLmt_VpRadpS_f32 max
TS 2.34k_MaxKeRngLmt_VpRadpS_f32 pos/Default
TS 2.35k_NomRfet_Ohm_f32 min
TS 2.36k_NomRfet_Ohm_f32 max
TS 2.37k_NomRfet_Ohm_f32 pos/Default
TS 2.38k_SiThermCoeff_OhmpDegC_f32 min
TS 2.39k_SiThermCoeff_OhmpDegC_f32 max
TS 2.40k_SiThermCoeff_OhmpDegC_f32 pos/Default
TS 2.41k_CuThermCoeff_OhmpDegC_f32 min
TS 2.42k_CuThermCoeff_OhmpDegC_f32 max
TS 2.43k_CuThermCoeff_OhmpDegC_f32 pos/Default
TS 2.44k_MinRRngLmt_Ohm_f32 min
TS 2.45k_MinRRngLmt_Ohm_f32 max
TS 2.46k_MinRRngLmt_Ohm_f32 pos/Default
TS 2.47k_MaxRRngLmt_Ohm_f32 min
TS 2.48k_MaxRRngLmt_Ohm_f32 max
TS 2.49k_MaxRRngLmt_Ohm_f32 pos/Default
TS 2.50Rte_Pim_EOLNomMtrParam.Pim_EOLNomMtrParam.NomKe_VpRadpS_f32 min
TS 2.51Rte_Pim_EOLNomMtrParam.Pim_EOLNomMtrParam.NomKe_VpRadpS_f32 max
TS 2.52Rte_Pim_EOLNomMtrParam.Pim_EOLNomMtrParam.NomKe_VpRadpS_f32 pos
TS 2.53Rte_Pim_EOLNomMtrParam.Pim_EOLNomMtrParam.NomRmtr_Ohm_f32 min
TS 2.54Rte_Pim_EOLNomMtrParam.Pim_EOLNomMtrParam.NomRmtr_Ohm_f32 max
TS 2.55Rte_Pim_EOLNomMtrParam.Pim_EOLNomMtrParam.NomRmtr_Ohm_f32 pos

Test Step 2.1 (Repeat Count = 1)

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

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CurrParamComp_Per2

| 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 2.2 (Repeat Count = 1) | | | | |
|--|--|----------------|--------|--|
| Name | Input Value | | | |
| Rte_Inst_Ap_CurrParamComp | tgt_Rte_Inst_Ap_CurrParamComp | | | |
| k_CuThermCoeff_OhmpDegC_f32 | 0.00449999981 | | | |
| k_MagThrC_VpRadpSpDegC_f32 | 0.00150000001 | | | |
| k_MaxKeRngLmt_VpRadpS_f32 | 0.075000003 | | | |
| k_MaxRRngLmt_Ohm_f32 | 0.125650004 | | | |
| k_MinKeRngLmt_VpRadpS_f32 | 0.075000003 | | | |
| k_MinRRngLmt_Ohm_f32 | 0.125650004 | | | |
| k_NomRfet_Ohm_f32 | 0.125650004 | | | |
| k_NomTemp_DegC_f32 | 150 | | | |
| k_SiThermCoeff_OhmpDegC_f32 | 0.00600000005 | | | |
| tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value | 150 | | | |
| tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value | 150 | | | |
| tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value | 150 | | | |
| tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32 | 0.075000003 | | | |
| tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32 | 0.125650004 | | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32 | tgt_CurrParamComp_Per2_CuTempEst_DegC_f32 | | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32 | tgt_CurrParamComp_Per2_MagTempEst_DegC_f32 | | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32 | tgt_CurrParamComp_Per2_SiTempEst_DegC_f32 | | | |
| tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam | tgt_Pim_EOLNomMtrParam | | | |
| Name | Actual Value | Expected Value | Result | |
| EstKeFF_VpRadpS_M_f32 | 0.075000003 | 0.075000003 | ✓ | |
| EstRFF_Ohm_M_f32 | 0.125650004 | 0.125650004 | ✓ | |

| 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 2.3 (Repeat Count = 1) | | | | |
|--|--|----------------|--------|--|
| Name | Input Value | | | |
| Rte_Inst_Ap_CurrParamComp | tgt_Rte_Inst_Ap_CurrParamComp | | | |
| k_CuThermCoeff_OhmpDegC_f32 | 0.00211 | | | |
| k_MagThrC_VpRadpSpDegC_f32 | -0.000560000015 | | | |
| k_MaxKeRngLmt_VpRadpS_f32 | 0.0309999995 | | | |
| k_MaxRRngLmt_Ohm_f32 | 0.00600000005 | | | |
| k_MinKeRngLmt_VpRadpS_f32 | 0.0710000023 | | | |
| k_MinRRngLmt_Ohm_f32 | 0.00899999961 | | | |
| k_NomRfet_Ohm_f32 | 0.0309999995 | | | |
| k_NomTemp_DegC_f32 | -39.9869995 | | | |
| k_SiThermCoeff_OhmpDegC_f32 | 0.00300000003 | | | |
| tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value | -50 | | | |
| tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value | -49.3250008 | | | |
| tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value | -49.6800003 | | | |
| tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32 | 0.0379999988 | | | |
| tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32 | 0.0768000036 | | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32 | tgt_CurrParamComp_Per2_CuTempEst_DegC_f32 | | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32 | tgt_CurrParamComp_Per2_MagTempEst_DegC_f32 | | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32 | tgt_CurrParamComp_Per2_SiTempEst_DegC_f32 | | | |
| tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam | tgt_Pim_EOLNomMtrParam | | | |
| Name | Actual Value | Expected Value | Result | |
| EstKeFF_VpRadpS_M_f32 | 0.0309999995 | 0.0309999995 | ✓ | |
| EstRFF_Ohm_M_f32 | 0.00600000005 | 0.00600000005 | ✓ | |

| 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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CurrParamComp_Per2



| Test Step 2.4 (Repeat Count = 1) | | | | |
|--|--|----------------|--------|--|
| Name | Input Value | | | |
| Rte_Inst_Ap_CurrParamComp | tgt_Rte_Inst_Ap_CurrParamComp | | | |
| k_CuThermCoeff_OhmpDegC_f32 | 0.00156999996 | | | |
| k_MagThrC_VpRadpSpDegC_f32 | -0.000513000006 | | | |
| k_MaxKeRngLmt_VpRadpS_f32 | 0.0320000015 | | | |
| k_MaxRRngLmt_Ohm_f32 | 0.00700000022 | | | |
| k_MinKeRngLmt_VpRadpS_f32 | 0.0719999969 | | | |
| k_MinRRngLmt_Ohm_f32 | 0.00999999978 | | | |
| k_NomRfet_Ohm_f32 | 0.0350000001 | | | |
| k_NomTemp_DegC_f32 | -36.2150002 | | | |
| k_SiThermCoeff_OhmpDegC_f32 | 0.00200000009 | | | |
| tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value | 150 | | | |
| tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value | -45.3650017 | | | |
| tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value | -46.3250008 | | | |
| tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32 | 0.0469999984 | | | |
| tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32 | 0.0571999997 | | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32 | tgt_CurrParamComp_Per2_CuTempEst_DegC_f32 | | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32 | tgt_CurrParamComp_Per2_MagTempEst_DegC_f32 | | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32 | tgt_CurrParamComp_Per2_SiTempEst_DegC_f32 | | | |
| tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam | tgt_Pim_EOLNomMtrParam | | | |
| Name | Actual Value | Expected Value | Result | |
| EstKeFF_VpRadpS_M_f32 | 0.0320000015 | 0.0320000015 | ✓ | |
| EstRFF_Ohm_M_f32 | 0.00700000022 | 0.00700000022 | ✓ | |

| 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 2.5 (Repeat Count = 1) | | | | |
|--|--|----------------|--------|--|
| Name | Input Value | | | |
| Rte_Inst_Ap_CurrParamComp | tgt_Rte_Inst_Ap_CurrParamComp | | | |
| k_CuThermCoeff_OhmpDegC_f32 | 0.00261799991 | | | |
| k_MagThrC_VpRadpSpDegC_f32 | -0.000465999998 | | | |
| k_MaxKeRngLmt_VpRadpS_f32 | 0.0329999998 | | | |
| k_MaxRRngLmt_Ohm_f32 | 0.00800000038 | | | |
| k_MinKeRngLmt_VpRadpS_f32 | 0.0729999989 | | | |
| k_MinRRngLmt_Ohm_f32 | 0.0109999999 | | | |
| k_NomRfet_Ohm_f32 | 0.0390000008 | | | |
| k_NomTemp_DegC_f32 | -32.4430008 | | | |
| k_SiThermCoeff_OhmpDegC_f32 | 0.00100000005 | | | |
| tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value | 0 | | | |
| tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value | -41.4049988 | | | |
| tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value | -42.9700012 | | | |
| tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32 | 0.0579999983 | | | |
| tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32 | 0.0681999996 | | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32 | tgt_CurrParamComp_Per2_CuTempEst_DegC_f32 | | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32 | tgt_CurrParamComp_Per2_MagTempEst_DegC_f32 | | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32 | tgt_CurrParamComp_Per2_SiTempEst_DegC_f32 | | | |
| tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam | tgt_Pim_EOLNomMtrParam | | | |
| Name | Actual Value | Expected Value | Result | |
| EstKeFF_VpRadpS_M_f32 | 0.0329999998 | 0.0329999998 | ✓ | |
| EstRFF_Ohm_M_f32 | 0.00800000038 | 0.00800000038 | ✓ | |

| 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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CurrParamComp_Per2

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

| 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 2.7 (Repeat Count = 1)

| Name | Input Value | | |
|--|--|----------------|--------|
| Rte_Inst_Ap_CurrParamComp | tgt_Rte_Inst_Ap_CurrParamComp | | |
| k_CuThermCoeff_OhmpDegC_f32 | 0.00078110001 | | |
| k_MagThrC_VpRadpSpDegC_f32 | -0.00037200001 | | |
| k_MaxKeRngLmt_VpRadpS_f32 | 0.0350000001 | | |
| k_MaxRRngLmt_Ohm_f32 | 0.00999999978 | | |
| k_MinKeRngLmt_VpRadpS_f32 | 0.0540000014 | | |
| k_MinRRngLmt_Ohm_f32 | 0.0130000003 | | |
| k_NomRfet_Ohm_f32 | 0.0469999984 | | |
| k_NomTemp_DegC_f32 | -24.8990002 | | |
| k_SiThermCoeff_OhmpDegC_f32 | 0.00079999998 | | |
| tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value | 123.153999 | | |
| tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value | -33.4850006 | | |
| tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value | -36.2599983 | | |
| tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32 | 0.075000003 | | |
| tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32 | 0.0680000037 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32 | tgt_CurrParamComp_Per2_CuTempEst_DegC_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32 | tgt_CurrParamComp_Per2_MagTempEst_DegC_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32 | tgt_CurrParamComp_Per2_SiTempEst_DegC_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam | tgt_Pim_EOLNomMtrParam | | |
| Name | Actual Value | Expected Value | Result |
| EstKeFF_VpRadpS_M_f32 | 0.0350000001 | 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 | ✓ |

Test Step 2.8 (Repeat Count = 1)

| Name | Input Value |
|-----------------------------|-------------------------------|
| Rte_Inst_Ap_CurrParamComp | tgt_Rte_Inst_Ap_CurrParamComp |
| k_CuThermCoeff_OhmpDegC_f32 | 0.000671099988 |
| k_MagThrC_VpRadpSpDegC_f32 | -0.000325000001 |
| k_MaxKeRngLmt_VpRadpS_f32 | 0.03599999985 |
| k_MaxRRngLmt_Ohm_f32 | 0.0109999999 |
| 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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CurrParamComp_Per2

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

| 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 2.9 (Repeat Count = 1)

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

| 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 2.10 (Repeat Count = 1)

| Name | Input Value |
|--|-------------------------------|
| Rte_Inst_Ap_CurrParamComp | tgt_Rte_Inst_Ap_CurrParamComp |
| k_CuThermCoeff_OhmpDegC_f32 | 0.000570999982 |
| k_MagThrc_VpRadpSpDegC_f32 | -0.000230999998 |
| k_MaxKeRngLmt_VpRadpS_f32 | 0.0379999988 |
| k_MaxRRngLmt_Ohm_f32 | 0.0130000003 |
| k_MinKeRngLmt_VpRadpS_f32 | 0.057 |
| k_MinRRngLmt_Ohm_f32 | 0.0160000008 |
| k_NomRfet_Ohm_f32 | 0.0590000004 |
| k_NomTemp_DegC_f32 | -13.5830002 |
| k_SiThermCoeff_OhmpDegC_f32 | 0.000579999993 |
| tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value | -18.3859997 |
| tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value | 0 |
| tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value | -26.1949997 |
| tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32 | 0.0399999991 |
| tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32 | 0.125650004 |

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CurrParamComp_Per2

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

| 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 2.11 (Repeat Count = 1)

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

| 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_DegC_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32 | tgt_CurrParamComp_Per2_MagTempEst_DegC_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32 | tgt_CurrParamComp_Per2_SiTempEst_DegC_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam | tgt_Pim_EOLNomMtrParam | | |
| Name | Actual Value | Expected Value | Result |
| EstKeFF_VpRadpS_M_f32 | 0.0590000004 | 0.0590000004 | ✔ |

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CurrParamComp_Per2

| Name | Actual Value | Expected Value | Result |
|------------------|--------------|----------------|--------|
| EstRFF_Ohm_M_f32 | 0.0149999997 | 0.0149999997 | ✓ |

| 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 2.13 (Repeat Count = 1)

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

| 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_DegC_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32 | tgt_CurrParamComp_Per2_MagTempEst_DegC_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32 | tgt_CurrParamComp_Per2_SiTempEst_DegC_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam | tgt_Pim_EOLNomMtrParam | | |
| Name | Actual Value | Expected Value | Result |
| EstKeFF_VpRadpS_M_f32 | 0.0610000007 | 0.0610000007 | ✓ |
| EstRFF_Ohm_M_f32 | 0.0170000009 | 0.0170000009 | ✓ |

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CurrParamComp_Per2

| 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_DegC_f32 | | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32 | tgt_CurrParamComp_Per2_MagTempEst_DegC_f32 | | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32 | tgt_CurrParamComp_Per2_SiTempEst_DegC_f32 | | | |
| tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam | tgt_Pim_EOLNomMtrParam | | | |
| Name | Actual Value | Expected Value | Result | |
| EstKeFF_VpRadpS_M_f32 | 0.0430000015 | 0.0430000015 | ✓ | |
| EstRFF_Ohm_M_f32 | 0.0179999992 | 0.0179999992 | ✓ | |

| 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_DegC_f32 | | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32 | tgt_CurrParamComp_Per2_MagTempEst_DegC_f32 | | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32 | tgt_CurrParamComp_Per2_SiTempEst_DegC_f32 | | | |
| tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam | tgt_Pim_EOLNomMtrParam | | | |
| Name | Actual Value | Expected Value | Result | |
| EstKeFF_VpRadpS_M_f32 | 0.0610000007 | 0.0610000007 | ✓ | |
| EstRFF_Ohm_M_f32 | 0.0189999994 | 0.0189999994 | ✓ | |

| 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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CurrParamComp_Per2



Test Step 2.17 (Repeat Count = 1)



| Name | Input Value |
|---|---|
| Rte_Inst_Ap_CurrParamComp | tgt_Rte_Inst_Ap_CurrParamComp |
| k_CuThermCoeff_OhmpDegC_f32 | 0.00261799991 |
| k_MagThrC_VpRadpSpDegC_f32 | 0.000333000004 |
| k_MaxKeRngLmt_VpRadpS_f32 | 0.0719999969 |
| k_MaxRRngLmt_Ohm_f32 | 0.0199999996 |
| k_MinKeRngLmt_VpRadpS_f32 | 0.061999999 |
| k_MinRRngLmt_Ohm_f32 | 0.023 |
| k_NomRfet_Ohm_f32 | 0.0869999975 |
| k_NomTemp_DegC_f32 | 12.8210001 |
| k_SiThermCoeff_OhmpDegC_f32 | 0.00056700001 |
| tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value | -11.5959997 |
| tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value | -5.20499992 |
| tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value | 123.789001 |
| tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32 | 0.0299999993 |
| tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32 | 0.00499999989 |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32 | tgt_CurrParamComp_Per2_CuTempEst_DegC_f32 |

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CurrParamComp_Per2

| 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 | 0.0599999987 | | |
| tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32 | 0.0932999998 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32 | tgt_CurrParamComp_Per2_CuTempEst_DegC_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32 | tgt_CurrParamComp_Per2_MagTempEst_DegC_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32 | tgt_CurrParamComp_Per2_SiTempEst_DegC_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam | tgt_Pim_EOLNomMtrParam | | |
| Name | Actual Value | Expected Value | Result |
| EstKeFF_VpRadpS_M_f32 | 0.064000003 | 0.064000003 | ✔ |
| 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 | ✓ |

Test Step 2.20 (Repeat Count = 1)

| Name | Input Value | | |
|--|--|----------------|--------|
| Rte_Inst_Ap_CurrParamComp | tgt_Rte_Inst_Ap_CurrParamComp | | |
| k_CuThermCoeff_OhmpDegC_f32 | 0.000671099988 | | |
| k_MagThrC_VpRadpSpDegC_f32 | 0.000239000001 | | |
| k_MaxKeRngLmt_VpRadpS_f32 | 0.0540000014 | | |
| k_MaxRRngLmt_Ohm_f32 | 0.0109999999 | | |
| k_MinKeRngLmt_VpRadpS_f32 | 0.0649999976 | | |
| k_MinRRngLmt_Ohm_f32 | 0.0260000005 | | |
| k_NomRfet_Ohm_f32 | 0.0250000004 | | |
| k_NomTemp_DegC_f32 | 0 | | |
| k_SiThermCoeff_OhmpDegC_f32 | 0.00100000005 | | |
| tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value | -8.68599987 | | |
| tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value | 9.91499996 | | |
| tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value | -16.1299992 | | |
| tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32 | 0.0250000004 | | |
| tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32 | 0.00499999989 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32 | tgt_CurrParamComp_Per2_CuTempEst_DegC_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32 | tgt_CurrParamComp_Per2_MagTempEst_DegC_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32 | tgt_CurrParamComp_Per2_SiTempEst_DegC_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam | tgt_Pim_EOLNomMtrParam | | |
| Name | Actual Value | Expected Value | Result |
| EstKeFF_VpRadpS_M_f32 | 0.0649999976 | 0.0649999976 | ✔ |
| EstRFF_Ohm_M_f32 | 0.0109999999 | 0.0109999999 | ✔ |

| 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 2.21 (Repeat Count = 1)

| Name | Input Value |
|-----------------------------|-------------------------------|
| Rte_Inst_Ap_CurrParamComp | tgt_Rte_Inst_Ap_CurrParamComp |
| k_CuThermCoeff_OhmpDegC_f32 | 0.000769099977 |
| k_MagThrC_VpRadpSpDegC_f32 | 0.000285999995 |
| k_MaxKeRngLmt_VpRadpS_f32 | 0.0549999997 |
| k_MaxRRngLmt_Ohm_f32 | 0.0120000001 |
| k_MinKeRngLmt_VpRadpS_f32 | 0.0659999996 |
| k_MinRRngLmt_Ohm_f32 | 0.0270000007 |
| k_NomRfet_Ohm_f32 | 0.0260000005 |
| k_NomTemp_DegC_f32 | -10.3559999 |

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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_DegC_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32 | tgt_CurrParamComp_Per2_MagTempEst_DegC_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32 | tgt_CurrParamComp_Per2_SiTempEst_DegC_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam | tgt_Pim_EOLNomMtrParam | | |
| Name | Actual Value | Expected Value | Result |
| EstKeFF_VpRadpS_M_f32 | 0.0549999997 | 0.0549999997 | ✔ |
| EstRFF_Ohm_M_f32 | 0.0120000001 | 0.0120000001 | ✔ |

| 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)

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

| 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 2.23 (Repeat Count = 1)

| Name | Input Value |
|--|-------------------------------|
| Rte_Inst_Ap_CurrParamComp | tgt_Rte_Inst_Ap_CurrParamComp |
| k_CuThermCoeff_OhmpDegC_f32 | 0 |
| k_MagThrC_VpRadpSpDegC_f32 | -2.99999992e-005 |
| k_MaxKeRngLmt_VpRadpS_f32 | 0.0260000005 |
| k_MaxRRngLmt_Ohm_f32 | 0.0309999995 |
| k_MinKeRngLmt_VpRadpS_f32 | 0.0289999992 |
| k_MinRRngLmt_Ohm_f32 | 0.0460000001 |
| k_NomRfet_Ohm_f32 | 0.0160000008 |
| k_NomTemp_DegC_f32 | 25 |
| k_SiThermCoeff_OhmpDegC_f32 | 0.00300000003 |
| tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value | 145.326508 |
| tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value | 110.714996 |
| tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value | 50.9700012 |
| tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32 | 0.0500000007 |
| tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32 | 0.0960000008 |

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

| 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 2.24 (Repeat Count = 1)

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

| 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 2.25 (Repeat Count = 1)

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

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| Name | Actual Value | Expected Value | Result |
|------------------|--------------|----------------|--------|
| EstRFF_Ohm_M_f32 | 0.0149999997 | 0.0149999997 | ✓ |

| 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 2.26 (Repeat Count = 1)

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

| 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 2.27 (Repeat Count = 1)

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

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CurrParamComp_Per2

| 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 2.28 (Repeat Count = 1) | | | | |
|--|--|----------------|--------|--|
| Name | Input Value | | | |
| Rte_Inst_Ap_CurrParamComp | tgt_Rte_Inst_Ap_CurrParamComp | | | |
| k_CuThermCoeff_OhmpDegC_f32 | 0.00211 | | | |
| k_MagThrC_VpRadpSpDegC_f32 | 0.0013 | | | |
| k_MaxKeRngLmt_VpRadpS_f32 | 0.0610000007 | | | |
| k_MaxRRngLmt_Ohm_f32 | 0.0179999992 | | | |
| k_MinKeRngLmt_VpRadpS_f32 | 0.0719999969 | | | |
| k_MinRRngLmt_Ohm_f32 | 0.0329999998 | | | |
| k_NomRfet_Ohm_f32 | 0.0320000015 | | | |
| k_NomTemp_DegC_f32 | 9.04899979 | | | |
| k_SiThermCoeff_OhmpDegC_f32 | 0.000360000005 | | | |
| tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value | -1.89600003 | | | |
| tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value | 45.1949997 | | | |
| tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value | 7.35500002 | | | |
| tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32 | 0.0599999987 | | | |
| tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32 | 0.0932999998 | | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32 | tgt_CurrParamComp_Per2_CuTempEst_DegC_f32 | | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32 | tgt_CurrParamComp_Per2_MagTempEst_DegC_f32 | | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32 | tgt_CurrParamComp_Per2_SiTempEst_DegC_f32 | | | |
| tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam | tgt_Pim_EOLNomMtrParam | | | |
| Name | Actual Value | Expected Value | Result | |
| EstKeFF_VpRadpS_M_f32 | 0.0610000007 | 0.0610000007 | ✓ | |
| EstRFF_Ohm_M_f32 | 0.0179999992 | 0.0179999992 | ✓ | |

| 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_DegC_f32 | | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32 | tgt_CurrParamComp_Per2_MagTempEst_DegC_f32 | | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32 | tgt_CurrParamComp_Per2_SiTempEst_DegC_f32 | | | |
| tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam | tgt_Pim_EOLNomMtrParam | | | |
| Name | Actual Value | Expected Value | Result | |
| EstKeFF_VpRadpS_M_f32 | 0.0250000004 | 0.0250000004 | ✓ | |
| EstRFF_Ohm_M_f32 | 0.0189999994 | 0.0189999994 | ✓ | |

| 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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CurrParamComp_Per2



Test Step 2.30 (Repeat Count = 1)



| Name | Input Value |
|-----------------------------|-------------------------------|
| Rte_Inst_Ap_CurrParamComp | tgt_Rte_Inst_Ap_CurrParamComp |
| k_CuThermCoeff_OhmpDegC_f32 | 0.00261799991 |
| k_MagThrC_VpRadpSpDegC_f32 | -0.00112999999 |
| k_MaxKeRngLmt_VpRadpS_f32 | 0.063000001 |
| k_MaxRRngLmt_Ohm_f32 | 0.0199999996 |
| k_MinKeRngLmt_VpRadpS_f32 | 0.075000003 |
| k_MinRRngLmt_Ohm_f32 | 0.035000001 |
| k_NomRfet_Ohm_f32 | 0.0340000018 |
| k_NomTemp_DegC_f32 | 16.5930004 |
| k_SiThermCoeff_OhmpDegC_f32 | 0.000360000005 |

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CurrParamComp_Per2

| Name | Input Value |
|---------------------------|--------------|
| k_MaxKeRngLmt_VpRadpS_f32 | 0.0250000004 |
| k_MaxRRngLmt_Ohm_f32 | 0.0219999999 |
| k_MinKeRngLmt_VpRadpS_f32 | |

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CurrParamComp_Per2

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

| 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_DegC_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32 | tgt_CurrParamComp_Per2_MagTempEst_DegC_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32 | tgt_CurrParamComp_Per2_SiTempEst_DegC_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam | tgt_Pim_EOLNomMtrParam | | |
| Name | Actual Value | Expected Value | Result |
| EstKeFF_VpRadpS_M_f32 | 0.0270000007 | 0.0270000007 | ✓ |
| EstRFF_Ohm_M_f32 | 0.0289999992 | 0.0289999992 | ✓ |

| 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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CurrParamComp_Per2

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

| 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 2.37 (Repeat Count = 1)

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

| 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 2.38 (Repeat Count = 1)

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

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CurrParamComp_Per2

| Name | Actual Value | Expected Value | Result |
|------------------|--------------|----------------|--------|
| EstRFF_Ohm_M_f32 | 0.0280000009 | 0.0280000009 | ✓ |

| 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 2.39 (Repeat Count = 1)

| Name | Input Value | | |
|--|--|----------------|--------|
| Rte_Inst_Ap_CurrParamComp | tgt_Rte_Inst_Ap_CurrParamComp | | |
| k_CuThermCoeff_OhmpDegC_f32 | 0.000361999992 | | |
| k_MagThrC_VpRadpSpDegC_f32 | -0.000230000005 | | |
| k_MaxKeRngLmt_VpRadpS_f32 | 0.0719999969 | | |
| k_MaxRRngLmt_Ohm_f32 | 0.0289999992 | | |
| k_MinKeRngLmt_VpRadpS_f32 | 0.0270000007 | | |
| k_MinRRngLmt_Ohm_f32 | 0.0439999998 | | |
| k_NomRfet_Ohm_f32 | 0.0140000004 | | |
| k_NomTemp_DegC_f32 | 50.5410004 | | |
| k_SiThermCoeff_OhmpDegC_f32 | 0.00600000005 | | |
| tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value | 139.326508 | | |
| tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value | 100.635002 | | |
| tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value | 44.2599983 | | |
| tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32 | 0.0250000004 | | |
| tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32 | 0.0729999989 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32 | tgt_CurrParamComp_Per2_CuTempEst_DegC_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32 | tgt_CurrParamComp_Per2_MagTempEst_DegC_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32 | tgt_CurrParamComp_Per2_SiTempEst_DegC_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam | tgt_Pim_EOLNomMtrParam | | |
| Name | Actual Value | Expected Value | Result |
| EstKeFF_VpRadpS_M_f32 | 0.0270000007 | 0.0270000007 | ✔ |
| EstRFF_Ohm_M_f32 | 0.0289999992 | 0.0289999992 | ✔ |

| 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 2.40 (Repeat Count = 1)

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

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CurrParamComp_Per2

| 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 2.41 (Repeat Count = 1) | | | | |
|--|--|----------------|--------|--|
| Name | Input Value | | | |
| Rte_Inst_Ap_CurrParamComp | tgt_Rte_Inst_Ap_CurrParamComp | | | |
| k_CuThermCoeff_OhmpDegC_f32 | 0 | | | |
| k_MagThrC_VpRadpSpDegC_f32 | -2.99999992e-005 | | | |
| k_MaxKeRngLmt_VpRadpS_f32 | 0.0260000005 | | | |
| k_MaxRRngLmt_Ohm_f32 | 0.0309999995 | | | |
| k_MinKeRngLmt_VpRadpS_f32 | 0.0289999992 | | | |
| k_MinRRngLmt_Ohm_f32 | 0.0460000001 | | | |
| k_NomRfet_Ohm_f32 | 0.0160000008 | | | |
| k_NomTemp_DegC_f32 | 58.0849991 | | | |
| k_SiThermCoeff_OhmpDegC_f32 | 0.00300000003 | | | |
| tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value | 145.326508 | | | |
| tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value | 110.714996 | | | |
| tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value | 50.9700012 | | | |
| tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32 | 0.0500000007 | | | |
| tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32 | 0.0960000008 | | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32 | tgt_CurrParamComp_Per2_CuTempEst_DegC_f32 | | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32 | tgt_CurrParamComp_Per2_MagTempEst_DegC_f32 | | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32 | tgt_CurrParamComp_Per2_SiTempEst_DegC_f32 | | | |
| tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam | tgt_Pim_EOLNomMtrParam | | | |
| Name | Actual Value | Expected Value | Result | |
| EstKeFF_VpRadpS_M_f32 | 0.0260000005 | 0.0260000005 | ✓ | |
| EstRFF_Ohm_M_f32 | 0.0309999995 | 0.0309999995 | ✓ | |

| 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 | 0.0299999993 | | | |
| k_MinRRngLmt_Ohm_f32 | 0.0469999984 | | | |
| k_NomRfet_Ohm_f32 | 0.0170000009 | | | |
| k_NomTemp_DegC_f32 | 61.8569984 | | | |
| k_SiThermCoeff_OhmpDegC_f32 | 0.00200000009 | | | |
| tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value | 148.326508 | | | |
| tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value | 115.754997 | | | |
| tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value | 54.3250008 | | | |
| tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32 | 0.0299999993 | | | |
| tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32 | 0.00499999989 | | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32 | tgt_CurrParamComp_Per2_CuTempEst_DegC_f32 | | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32 | tgt_CurrParamComp_Per2_MagTempEst_DegC_f32 | | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32 | tgt_CurrParamComp_Per2_SiTempEst_DegC_f32 | | | |
| tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam | tgt_Pim_EOLNomMtrParam | | | |
| Name | Actual Value | Expected Value | Result | |
| EstKeFF_VpRadpS_M_f32 | 0.0270000007 | 0.0270000007 | ✓ | |
| EstRFF_Ohm_M_f32 | 0.0469999984 | 0.0469999984 | ✓ | |

| 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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CurrParamComp_Per2



Test Step 2.43 (Repeat Count = 1)



| Name | Input Value |
|---|---|
| Rte_Inst_Ap_CurrParamComp | tgt_Rte_Inst_Ap_CurrParamComp |
| k_CuThermCoeff_OhmpDegC_f32 | 0.00393000012 |
| k_MagThrC_VpRadpSpDegC_f32 | -0.000500000024 |
| k_MaxKeRngLmt_VpRadpS_f32 | 0.0280000009 |
| k_MaxRRngLmt_Ohm_f32 | 0.0329999998 |
| k_MinKeRngLmt_VpRadpS_f32 | 0.0309999995 |
| k_MinRRngLmt_Ohm_f32 | 0.0480000004 |
| k_NomRfet_Ohm_f32 | 0.0179999992 |
| k_NomTemp_DegC_f32 | 65.6289978 |
| k_SiThermCoeff_OhmpDegC_f32 | 0.00100000005 |
| tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value | 12.6540003 |
| tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value | 120.794998 |
| tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value | 57.6800003 |
| tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32 | 0.0399999991 |
| tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32 | 0.125650004 |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32 | tgt_CurrParamComp_Per2_CuTempEst_DegC_f32 |

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CurrParamComp_Per2

| Name | Input Value |
|---------------------------|--------------|
| k_MaxKeRngLmt_VpRadpS_f32 | 0.0299999993 |
| k_MaxRRngLmt_Ohm_f32 | 0.0350000001 |
| k_MinKeRngLmt_VpRadpS_f32 | |

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CurrParamComp_Per2

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

| 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 2.48 (Repeat Count = 1)

| Name | Input Value | | |
|--|--|----------------|--------|
| Rte_Inst_Ap_CurrParamComp | tgt_Rte_Inst_Ap_CurrParamComp | | |
| k_CuThermCoeff_OhmpDegC_f32 | 0 | | |
| k_MagThrC_VpRadpSpDegC_f32 | 0.000300000014 | | |
| k_MaxKeRngLmt_VpRadpS_f32 | 0.0329999998 | | |
| k_MaxRRngLmt_Ohm_f32 | 0.125650004 | | |
| k_MinKeRngLmt_VpRadpS_f32 | 0.0359999985 | | |
| k_MinRRngLmt_Ohm_f32 | 0.0350000001 | | |
| k_NomRfet_Ohm_f32 | 0 | | |
| k_NomTemp_DegC_f32 | 84.4889984 | | |
| k_SiThermCoeff_OhmpDegC_f32 | 0.000579999993 | | |
| tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value | 17.5039997 | | |
| tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value | 145.994995 | | |
| tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value | 74.4550018 | | |
| tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32 | 0.0500000007 | | |
| tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32 | 0.0680000037 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32 | tgt_CurrParamComp_Per2_CuTempEst_DegC_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32 | tgt_CurrParamComp_Per2_MagTempEst_DegC_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32 | tgt_CurrParamComp_Per2_SiTempEst_DegC_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam | tgt_Pim_EOLNomMtrParam | | |
| Name | Actual Value | Expected Value | Result |
| EstKeFF_VpRadpS_M_f32 | 0.0329999998 | 0.0329999998 | ✓ |
| EstRFF_Ohm_M_f32 | 0.0680000037 | 0.0680000037 | ✓ |

| 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 2.49 (Repeat Count = 1)

| Name | Input Value |
|--|-------------------------------|
| Rte_Inst_Ap_CurrParamComp | tgt_Rte_Inst_Ap_CurrParamComp |
| k_CuThermCoeff_OhmpDegC_f32 | 0.000671099988 |
| k_MagThrC_VpRadpSpDegC_f32 | -0.000199999995 |
| k_MaxKeRngLmt_VpRadpS_f32 | 0.0340000018 |
| k_MaxRRngLmt_Ohm_f32 | 0.0599999987 |
| k_MinKeRngLmt_VpRadpS_f32 | 0.0370000005 |
| k_MinRRngLmt_Ohm_f32 | 0.0390000008 |
| k_NomRfet_Ohm_f32 | 0.0189999994 |
| k_NomTemp_DegC_f32 | 88.2610016 |
| k_SiThermCoeff_OhmpDegC_f32 | 0.000679999997 |
| tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value | 18.4740009 |
| tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value | -49.3250008 |
| tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value | 77.8099976 |
| tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32 | 0.0299999993 |
| tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32 | 0.0960000008 |

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CurrParamComp_Per2

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

| 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 2.50 (Repeat Count = 1)

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

| 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 2.51 (Repeat Count = 1)

| Name | Input Value | | |
|--|--|----------------|--------|
| Rte_Inst_Ap_CurrParamComp | tgt_Rte_Inst_Ap_CurrParamComp | | |
| k_CuThermCoeff_OhmpDegC_f32 | 0.000570999982 | | |
| k_MagThrC_VpRadpSpDegC_f32 | -0.00100000005 | | |
| 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_DegC_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32 | tgt_CurrParamComp_Per2_MagTempEst_DegC_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32 | tgt_CurrParamComp_Per2_SiTempEst_DegC_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam | tgt_Pim_EOLNomMtrParam | | |
| Name | Actual Value | Expected Value | Result |
| EstKeFF_VpRadpS_M_f32 | 0.0359999985 | 0.0359999985 | ✔ |

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CurrParamComp_Per2

| Name | Actual Value | Expected Value | Result |
|------------------|--------------|----------------|--------|
| EstRFF_Ohm_M_f32 | 0.0350000001 | 0.0350000001 | ✓ |

| 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 2.52 (Repeat Count = 1)

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

| 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 2.53 (Repeat Count = 1)

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

TEST DETAILS REPORT

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CurrParamComp_Per2

| 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 2.54 (Repeat Count = 1) | | | | |
|--|--|----------------|--------|--|
| Name | Input Value | | | |
| Rte_Inst_Ap_CurrParamComp | tgt_Rte_Inst_Ap_CurrParamComp | | | |
| k_CuThermCoeff_OhmpDegC_f32 | 0.000681000005 | | | |
| k_MagThrC_VpRadpSpDegC_f32 | 0.00120000006 | | | |
| k_MaxKeRngLmt_VpRadpS_f32 | 0.03900000008 | | | |
| k_MaxRRngLmt_Ohm_f32 | 0.04699999984 | | | |
| k_MinKeRngLmt_VpRadpS_f32 | 0.04199999994 | | | |
| k_MinRRngLmt_Ohm_f32 | 0.05900000004 | | | |
| k_NomRfet_Ohm_f32 | 0.01200000001 | | | |
| k_NomTemp_DegC_f32 | 107.121002 | | | |
| k_SiThermCoeff_OhmpDegC_f32 | 0.000360000005 | | | |
| tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value | 23.3239994 | | | |
| tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value | -9.48999977 | | | |
| tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value | 94.5849991 | | | |
| tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32 | 0.05000000007 | | | |
| tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32 | 0.125650004 | | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32 | tgt_CurrParamComp_Per2_CuTempEst_DegC_f32 | | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32 | tgt_CurrParamComp_Per2_MagTempEst_DegC_f32 | | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32 | tgt_CurrParamComp_Per2_SiTempEst_DegC_f32 | | | |
| tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam | tgt_Pim_EOLNomMtrParam | | | |
| Name | Actual Value | Expected Value | Result | |
| EstKeFF_VpRadpS_M_f32 | 0.03900000008 | 0.03900000008 | ✓ | |
| EstRFF_Ohm_M_f32 | 0.04699999984 | 0.04699999984 | ✓ | |

| 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 | 0.03999999991 | | | |
| k_MaxRRngLmt_Ohm_f32 | 0.050999999 | | | |
| k_MinKeRngLmt_VpRadpS_f32 | 0.04300000015 | | | |
| k_MinRRngLmt_Ohm_f32 | 0.0630000001 | | | |
| k_NomRfet_Ohm_f32 | 0.00999999978 | | | |
| k_NomTemp_DegC_f32 | 110.892998 | | | |
| k_SiThermCoeff_OhmpDegC_f32 | 0.000567000001 | | | |
| tgt_CurrParamComp_Per2_CuTempEst_DegC_f32.value | 24.2940006 | | | |
| tgt_CurrParamComp_Per2_MagTempEst_DegC_f32.value | -1.523 | | | |
| tgt_CurrParamComp_Per2_SiTempEst_DegC_f32.value | 97.9400024 | | | |
| tgt_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32 | 0.02999999993 | | | |
| tgt_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32 | 0.0781999975 | | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_CuTempEst_DegC_f32 | tgt_CurrParamComp_Per2_CuTempEst_DegC_f32 | | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_MagTempEst_DegC_f32 | tgt_CurrParamComp_Per2_MagTempEst_DegC_f32 | | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per2_SiTempEst_DegC_f32 | tgt_CurrParamComp_Per2_SiTempEst_DegC_f32 | | | |
| tgt_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam | tgt_Pim_EOLNomMtrParam | | | |
| Name | Actual Value | Expected Value | Result | |
| EstKeFF_VpRadpS_M_f32 | 0.04300000015 | 0.04300000015 | ✓ | |
| EstRFF_Ohm_M_f32 | 0.050999999 | 0.050999999 | ✓ | |

| 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 DETAILS REPORT

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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 |

Comments/Description/Specification

| Name | Text |
|------------------------|---|
| Module 'CurrParamComp' | *****Unit Test Information***** 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:5 Optimization Level:Level 2 Compiler (CodeGen) Version:TMS470_4.9.5 Model Type:Excel Macro Model Version:Nexteer EPS Unit Test Tool 2.7/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 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 | \$(PROJECTROOT)\UnitTestEnv\static_build_files\obj |
| InitSrcDir | \$(PROJECTROOT)\UnitTestEnv\static_build_files\src |
| Linker File | \$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd |
| Makefile Template | \$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl |
| Target Install Path | \$(ProgramFiles)\pls\UDE 4.4 |

TEST DETAILS REPORT

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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 |

TEST DETAILS REPORT

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SCom_EOLNomMtrParam_Set



Test Case 1: Boundary Test

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

CPU Cycles:

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

Description Vector Description

TS1.1 NomKe_VpRadpS_f32 min
TS1.2 NomKe_VpRadpS_f32 max
TS1.3 NomKe_VpRadpS_f32 pos
TS1.4 NomRmtr_Ohm_f32 min
TS1.5 NomRmtr_Ohm_f32 max
TS1.6 NomRmtr_Ohm_f32 pos
TS1.7 All min
TS1.8 All max

Test Step 1.1 (Repeat Count = 1)

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

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

Test Step 1.2 (Repeat Count = 1)

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

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

Test Step 1.3 (Repeat Count = 1)

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

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

TEST DETAILS REPORT

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SCom_EOLNomMtrParam_Set



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

| 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 | | 0.0399999991 | | |
| NomRmtr_Ohm_f32 | | 0.125650004 | | |
| Rte_Inst_Ap_CurrParamComp | | target_Rte_Inst_Ap_CurrParamComp | | |
| target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam | | target_Pim_EOLNomMtrParam | | |
| Name | | Actual Value | Expected Value | Result |
| target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32 | | 0.0399999991 | 0.0399999991 | ✓ |
| target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32 | | 0.125650004 | 0.125650004 | ✓ |

| 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 | | 0.0599999987 | | |
| NomRmtr_Ohm_f32 | | 0.0932999998 | | |
| Rte_Inst_Ap_CurrParamComp | | target_Rte_Inst_Ap_CurrParamComp | | |
| target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam | | target_Pim_EOLNomMtrParam | | |
| Name | | Actual Value | Expected Value | Result |
| target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32 | | 0.0599999987 | 0.0599999987 | ✓ |
| target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32 | | 0.0932999998 | 0.0932999998 | ✓ |

| 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 | | 0.00499999989 | | |
| Rte_Inst_Ap_CurrParamComp | | target_Rte_Inst_Ap_CurrParamComp | | |
| target_Rte_Inst_Ap_CurrParamComp.Pim_EOLNomMtrParam | | target_Pim_EOLNomMtrParam | | |
| Name | | Actual Value | Expected Value | Result |
| target_Pim_EOLNomMtrParam.NomKe_VpRadpS_f32 | | 0.0250000004 | 0.0250000004 | ✓ |
| target_Pim_EOLNomMtrParam.NomRmtr_Ohm_f32 | | 0.00499999989 | 0.00499999989 | ✓ |

| 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 | | |

TEST DETAILS REPORT

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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 | 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 DETAILS REPORT

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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)\NxtLib\src\interpolation.c |
| Compiler Options | -D_DATA_ACCESS=-D__inline=-Dconst=-I\$(PROJECTROOT)\MtrCtrl_CM\utpl\contract -I\$(PROJECTROOT)\NxtLib\include -I\$(PROJECTROOT)\MtrCtrl_CM\utpl\contract\Ap_CurrParamComp -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\MtrCtrl_CM\include -I\$(Compiler Install Path)\include |
| File | \$(PROJECTROOT)\MtrCtrl_CM\src\Ap_CurrParamComp.c |
| Compiler Options | -D_DATA_ACCESS=-D__inline=-Dconst=-I\$(PROJECTROOT)\MtrCtrl_CM\utpl\contract -I\$(PROJECTROOT)\NxtLib\include -I\$(PROJECTROOT)\MtrCtrl_CM\utpl\contract\Ap_CurrParamComp -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\MtrCtrl_CM\include -I\$(Compiler Install Path)\include |

Comments/Description/Specification

| Name | Text |
|------------------------|---|
| Module 'CurrParamComp' | <p>*****Unit Test Information*****</p> <p>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: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 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'."</p> <p>*****</p> |

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_Per1



| 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 |

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CurrParamComp_Per1

Test Case 1: Metrics Test

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

CPU Cycles:

TS1.1 1819.00 Cycles
TS1.2 2109.00 Cycles

Description Vector Description:

TS1.1 "Shortest Execution Path:
(EstKe_VpRadpS_T_f32>=k_MaxKeRngLmt_VpRadpS_f32)=True
(EstR_Ohm_T_f32>=k_MaxRRngLmt_Ohm_f32)=True
(EstLq_Henry_T_f32>=k_MaxLqRngLmt_Henry_f32)=True"
TS1.2 "Longest Execution Path:
(EstKe_VpRadpS_T_f32>=k_MaxKeRngLmt_VpRadpS_f32)=False
(EstR_Ohm_T_f32>=k_MinRRngLmt_Ohm_f32)=False
(EstLq_Henry_T_f32>=k_MaxLqRngLmt_Henry_f32)=False"

Test Step 1.1 (Repeat Count = 1)

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

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CurrParamComp_Per1

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

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

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

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CurrParamComp_Per1

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

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CurrParamComp_Per1

| Name | Input Value | |
|--|--|---------|
| t2_CurrParamLqSatSclFac_Uls_u2p14[5][6] | 22938 | |
| t_CurrParamCompDaxRef_Amp_u9p7[0] | 1280 | |
| t_CurrParamCompDaxRef_Amp_u9p7[1] | 25600 | |
| t_CurrParamCompDaxRef_Amp_u9p7[2] | 26880 | |
| t_CurrParamCompDaxRef_Amp_u9p7[3] | 27008 | |
| t_CurrParamCompDaxRef_Amp_u9p7[4] | 27136 | |
| t_CurrParamCompDaxRef_Amp_u9p7[5] | 16000 | |
| t_CurrParamCompQaxRef_Amp_u9p7[0] | 1280 | |
| t_CurrParamCompQaxRef_Amp_u9p7[1] | 2560 | |
| t_CurrParamCompQaxRef_Amp_u9p7[2] | 3840 | |
| t_CurrParamCompQaxRef_Amp_u9p7[3] | 5120 | |
| t_CurrParamCompQaxRef_Amp_u9p7[4] | 6400 | |
| t_CurrParamCompQaxRef_Amp_u9p7[5] | 7680 | |
| t_CurrParamCompQaxRef_Amp_u9p7[6] | 8960 | |
| t_KeSatTbIX_Amp_u9p7[0] | 1408 | |
| t_KeSatTbIX_Amp_u9p7[1] | 2816 | |
| t_KeSatTbIX_Amp_u9p7[2] | 4224 | |
| t_KeSatTbIX_Amp_u9p7[3] | 5632 | |
| t_KeSatTbIX_Amp_u9p7[4] | 7040 | |
| t_KeSatTbIX_Amp_u9p7[5] | 8448 | |
| t_KeSatTbIX_Amp_u9p7[6] | 9856 | |
| t_KeSatTbIX_Amp_u9p7[7] | 11264 | |
| t_KeSatTbIX_Amp_u9p7[8] | 12672 | |
| t_KeSatTbIX_Amp_u9p7[9] | 14080 | |
| t_KeSatTbIX_Amp_u9p7[10] | 15360 | |
| t_KeSatTbIX_Amp_u9p7[11] | 16640 | |
| t_KeSatTbIX_Amp_u9p7[12] | 17920 | |
| t_KeSatTbIX_Amp_u9p7[13] | 19200 | |
| t_KeSatTbIX_Amp_u9p7[14] | 20480 | |
| t_KeSatTbIX_Amp_u9p7[15] | 21760 | |
| t_KeSatTbIY_Uls_u2p14[0] | 4096 | |
| t_KeSatTbIY_Uls_u2p14[1] | 5734 | |
| t_KeSatTbIY_Uls_u2p14[2] | 7373 | |
| t_KeSatTbIY_Uls_u2p14[3] | 2458 | |
| t_KeSatTbIY_Uls_u2p14[4] | 10650 | |
| t_KeSatTbIY_Uls_u2p14[5] | 12288 | |
| t_KeSatTbIY_Uls_u2p14[6] | 13926 | |
| t_KeSatTbIY_Uls_u2p14[7] | 14082 | |
| t_KeSatTbIY_Uls_u2p14[8] | 9011 | |
| t_KeSatTbIY_Uls_u2p14[9] | 14254 | |
| t_KeSatTbIY_Uls_u2p14[10] | 819 | |
| t_KeSatTbIY_Uls_u2p14[11] | 14285 | |
| t_KeSatTbIY_Uls_u2p14[12] | 14439 | |
| t_KeSatTbIY_Uls_u2p14[13] | 6554 | |
| t_KeSatTbIY_Uls_u2p14[14] | 14606 | |
| t_KeSatTbIY_Uls_u2p14[15] | 16244 | |
| tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value | 19.3547993 | |
| tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value | 16.368 | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32 | tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32 | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32 | tgt_CurrParamComp_Per1_EstLd_Henry_f32 | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32 | tgt_CurrParamComp_Per1_EstLq_Henry_f32 | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32 | tgt_CurrParamComp_Per1_EstR_Ohm_f32 | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3: | tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3: | tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32 | |
| Name | Actual Value | Expectc |

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CurrParamComp_Per1



Test Case 2: Boundary Test





| | |
|---------------|--|
| Specification | Performance Metrics (With "None" Instrumentation and WithPS Environment) |
| | CPU Cycles: |
| | TS2.1 2051.00 Cycles |
| | TS2.2 1819.00 Cycles |
| | TS2.3 1907.00 Cycles |
| | TS2.4 1907.00 Cycles |
| | TS2.5 1860.00 Cycles |
| | TS2.6 2030.00 Cycles |
| | TS2.7 2018.00 Cycles |
| | TS2.8 1883.00 Cycles |
| | TS2.9 1950.00 Cycles |
| | TS2.10 1931.00 Cycles |
| | TS2.11 1953.00 Cycles |
| | TS2.12 1953.00 Cycles |
| | TS2.13 1909.00 Cycles |
| | TS2.14 1858.00 Cycles |
| | TS2.15 1922.00 Cycles |
| | TS2.16 1952.00 Cycles |
| | TS2.17 1943.00 Cycles |
| | TS2.18 1970.00 Cycles |
| | TS2.19 2101.00 Cycles |
| | TS2.20 1964.00 Cycles |
| | TS2.21 1873.00 Cycles |
| | TS2.22 1993.00 Cycles |
| | TS2.23 1967.00 Cycles |
| | TS2.24 1942.00 Cycles |
| | TS2.25 1939.00 Cycles |
| | TS2.26 1939.00 Cycles |
| | TS2.27 2018.00 Cycles |
| | TS2.28 2028.00 Cycles |
| | TS2.29 1929.00 Cycles |
| | TS2.30 1950.00 Cycles |
| | TS2.31 1952.00 Cycles |
| | TS2.32 2039.00 Cycles |
| | TS2.33 1980.00 Cycles |
| | TS2.34 1979.00 Cycles |
| | TS2.35 2068.00 Cycles |
| | TS2.36 1991.00 Cycles |
| | TS2.37 1979.00 Cycles |
| | TS2.38 1979.00 Cycles |
| | TS2.39 2053.00 Cycles |
| | TS2.40 2052.00 Cycles |
| | TS2.41 2056.00 Cycles |
| | TS2.42 1957.00 Cycles |
| | TS2.43 2042.00 Cycles |
| | TS2.44 2069.00 Cycles |
| | TS2.45 1948.00 Cycles |
| | TS2.46 1957.00 Cycles |
| | TS2.47 1963.00 Cycles |
| | TS2.48 1998.00 Cycles |
| | TS2.49 1974.00 Cycles |
| | TS2.50 1939.00 Cycles |
| | TS2.51 1992.00 Cycles |
| | TS2.52 1981.00 Cycles |
| | TS2.53 1949.00 Cycles |
| | TS2.54 2047.00 Cycles |
| | TS2.55 2109.00 Cycles |
| | TS2.56 2062.00 Cycles |
| | TS2.57 1955.00 Cycles |
| | TS2.58 1955.00 Cycles |
| | TS2.59 2109.00 Cycles |
| | TS2.60 1909.00 Cycles |
| | TS2.61 1911.00 Cycles |
| | TS2.62 1921.00 Cycles |

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CurrParamComp_Per1

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

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

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CurrParamComp_Per1

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

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

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CurrParamComp_Per1

| 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 2.2 (Repeat Count = 1) | |
|---|-------------------------------|
| Name | Input Value |
| EstKeFF_VpRadpS_M_f32 | 0.075000003 |
| EstRFF_Ohm_M_f32 | 0.125650004 |
| FastDataAccessBufIndex_Cnt_M_u16 | 1 |
| MtrEstKe_VpRadpS_M_f32[0] | 0.075000003 |
| MtrEstKe_VpRadpS_M_f32[1] | 0.075000003 |
| Rte_Inst_Ap_CurrParamComp | tgt_Rte_Inst_Ap_CurrParamComp |
| k_MaxKeRngLmt_VpRadpS_f32 | 0.075000003 |
| k_MaxLdRngLmt_Henry_f32 | 0.000410000008 |
| k_MaxLqRngLmt_Henry_f32 | 0.000410000008 |
| k_MaxRRngLmt_Ohm_f32 | 0.125650004 |
| k_MinKeRngLmt_VpRadpS_f32 | 0.075000003 |
| k_MinLdRngLmt_Henry_f32 | 0.000410000008 |
| k_MinLqRngLmt_Henry_f32 | 0.000410000008 |
| k_MinRRngLmt_Ohm_f32 | 0.125650004 |
| k_NomLd_Henry_f32 | 0.000410000008 |
| k_NomLq_Henry_f32 | 0.000410000008 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][0] | 32768 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][1] | 32768 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][2] | 32768 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][3] | 32768 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][4] | 32768 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][5] | 32768 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][6] | 32768 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][0] | 32768 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][1] | 32768 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][2] | 32768 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][3] | 32768 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][4] | 32768 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][5] | 32768 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][6] | 32768 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][0] | 32768 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][1] | 32768 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][2] | 32768 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][3] | 32768 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][4] | 32768 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][5] | 32768 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][6] | 32768 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][0] | 32768 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][1] | 32768 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][2] | 32768 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][3] | 32768 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][4] | 32768 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][5] | 32768 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][6] | 32768 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][0] | 32768 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][1] | 32768 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][2] | 32768 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][3] | 32768 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][4] | 32768 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][5] | 32768 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][6] | 32768 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][0] | 32768 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][1] | 32768 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][2] | 32768 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][3] | 32768 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][4] | 32768 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][5] | 32768 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][6] | 32768 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][0] | 32768 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][1] | 32768 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][2] | 32768 |

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

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CurrParamComp_Per1

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

| 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 | 5.99999985e-005 |
| k_MaxLqRngLmt_Henry_f32 | 3.9999999e-005 |
| k_MaxRRngLmt_Ohm_f32 | 0.0060000005 |
| k_MinKeRngLmt_VpRadpS_f32 | 0.0710000023 |
| k_MinLdRngLmt_Henry_f32 | 3.9999999e-005 |
| k_MinLqRngLmt_Henry_f32 | 9.99999975e-005 |
| k_MinRRngLmt_Ohm_f32 | 0.00899999961 |
| k_NomLd_Henry_f32 | 3.9999999e-005 |
| k_NomLq_Henry_f32 | 9.99999975e-005 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][0] | 1638 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][1] | 3277 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][2] | 4915 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][3] | 6554 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][4] | 8192 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][5] | 9830 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][6] | 11469 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][0] | 13107 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][1] | 14746 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][2] | 16384 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][3] | 18022 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][4] | 19661 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][5] | 21299 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][6] | 22938 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[2][0] | 24576 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[2][1] | 26214 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[2][2] | 27853 |

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CurrParamComp_Per1

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

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CurrParamComp_Per1

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

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

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CurrParamComp_Per1

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

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CurrParamComp_Per1

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

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CurrParamComp_Per1

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

| 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 2.5 (Repeat Count = 1) | |
|---|-------------------------------|
| Name | Input Value |
| EstKeFF_VpRadpS_M_f32 | 0.0280000009 |
| EstRFF_Ohm_M_f32 | 0.00866552256 |
| FastDataAccessBufIndex_Cnt_M_u16 | 0 |
| MtrEstKe_VpRadpS_M_f32[0] | 0.0299999993 |
| MtrEstKe_VpRadpS_M_f32[1] | 0.0309999995 |
| Rte_Inst_Ap_CurrParamComp | tgt_Rte_Inst_Ap_CurrParamComp |
| k_MaxKeRngLmt_VpRadpS_f32 | 0.0329999998 |
| k_MaxLdRngLmt_Henry_f32 | 7.9999998e-005 |
| k_MaxLqRngLmt_Henry_f32 | 5.99999985e-005 |
| k_MaxRRngLmt_Ohm_f32 | 0.00800000038 |
| k_MinKeRngLmt_VpRadpS_f32 | 0.0729999989 |
| k_MinLdRngLmt_Henry_f32 | 5.99999985e-005 |
| k_MinLqRngLmt_Henry_f32 | 0.000119999997 |
| k_MinRRngLmt_Ohm_f32 | 0.0109999999 |
| k_NomLd_Henry_f32 | 5.99999985e-005 |
| k_NomLq_Henry_f32 | 0.000119999997 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][0] | 1638 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][1] | 3277 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][2] | 4915 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][3] | 6554 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][4] | 8192 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][5] | 9830 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][6] | 11469 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][0] | 13107 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][1] | 14746 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][2] | 16384 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][3] | 18022 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][4] | 19661 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][5] | 21299 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][6] | 22938 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[2][0] | 24576 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[2][1] | 26214 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[2][2] | 27853 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[2][3] | 29491 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[2][4] | 31130 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[2][5] | 31949 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[2][6] | 32768 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[3][0] | 3277 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[3][1] | 6554 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[3][2] | 8192 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[3][3] | 11469 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[3][4] | 14746 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[3][5] | 29491 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[3][6] | 31130 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[4][0] | 1638 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[4][1] | 3277 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[4][2] | 4915 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[4][3] | 6554 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[4][4] | 8192 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[4][5] | 9830 |

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CurrParamComp_Per1

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

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CurrParamComp_Per1

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

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

| 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 2.6 (Repeat Count = 1)

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

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

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| Name | Input Value | | |
|--|--|---------------------------------|--------|
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][2] | 16384 | | |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][3] | 18022 | | |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][4] | 19661 | | |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][5] | 21299 | | |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][6] | 22938 | | |
| t_CurrParamCompDaxRef_Amp_u9p7[0] | 16640 | | |
| t_CurrParamCompDaxRef_Amp_u9p7[1] | 17920 | | |
| t_CurrParamCompDaxRef_Amp_u9p7[2] | 19200 | | |
| t_CurrParamCompDaxRef_Amp_u9p7[3] | 20480 | | |
| t_CurrParamCompDaxRef_Amp_u9p7[4] | 21760 | | |
| t_CurrParamCompDaxRef_Amp_u9p7[5] | 23040 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[0] | 1280 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[1] | 2560 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[2] | 3840 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[3] | 5120 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[4] | 6400 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[5] | 7680 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[6] | 8960 | | |
| t_KeSatTblX_Amp_u9p7[0] | 1280 | | |
| t_KeSatTblX_Amp_u9p7[1] | 2560 | | |
| t_KeSatTblX_Amp_u9p7[2] | 3840 | | |
| t_KeSatTblX_Amp_u9p7[3] | 5120 | | |
| t_KeSatTblX_Amp_u9p7[4] | 6400 | | |
| t_KeSatTblX_Amp_u9p7[5] | 7680 | | |
| t_KeSatTblX_Amp_u9p7[6] | 8960 | | |
| t_KeSatTblX_Amp_u9p7[7] | 10240 | | |
| t_KeSatTblX_Amp_u9p7[8] | 11520 | | |
| t_KeSatTblX_Amp_u9p7[9] | 12800 | | |
| t_KeSatTblX_Amp_u9p7[10] | 14080 | | |
| t_KeSatTblX_Amp_u9p7[11] | 15360 | | |
| t_KeSatTblX_Amp_u9p7[12] | 16640 | | |
| t_KeSatTblX_Amp_u9p7[13] | 17920 | | |
| t_KeSatTblX_Amp_u9p7[14] | 19200 | | |
| t_KeSatTblX_Amp_u9p7[15] | 20480 | | |
| t_KeSatTblY_Uls_u2p14[0] | 1966 | | |
| t_KeSatTblY_Uls_u2p14[1] | 2130 | | |
| t_KeSatTblY_Uls_u2p14[2] | 2294 | | |
| t_KeSatTblY_Uls_u2p14[3] | 1802 | | |
| t_KeSatTblY_Uls_u2p14[4] | 2621 | | |
| t_KeSatTblY_Uls_u2p14[5] | 2785 | | |
| t_KeSatTblY_Uls_u2p14[6] | 3277 | | |
| t_KeSatTblY_Uls_u2p14[7] | 4915 | | |
| t_KeSatTblY_Uls_u2p14[8] | 2458 | | |
| t_KeSatTblY_Uls_u2p14[9] | 6554 | | |
| t_KeSatTblY_Uls_u2p14[10] | 1638 | | |
| t_KeSatTblY_Uls_u2p14[11] | 8192 | | |
| t_KeSatTblY_Uls_u2p14[12] | 9830 | | |
| t_KeSatTblY_Uls_u2p14[13] | 11469 | | |
| t_KeSatTblY_Uls_u2p14[14] | 13107 | | |
| t_KeSatTblY_Uls_u2p14[15] | 14746 | | |
| tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value | 13.1099997 | | |
| tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value | 100.25 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32 | tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32 | tgt_CurrParamComp_Per1_EstLd_Henry_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32 | tgt_CurrParamComp_Per1_EstLq_Henry_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32 | tgt_CurrParamComp_Per1_EstR_Ohm_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3: | tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3: | tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32 | | |
| Name | Actual Value | Expected Value | Result |
| FastDataAccessBufIndex_Cnt_M_u16 | 1 | 1 | ✔ |
| MtrEstKe_VpRadpS_M_f32[0] | 0.0410000011 | 0.0410000011 | ✔ |
| MtrEstKe_VpRadpS_M_f32[1] | 0.074000001 | 0.074000001 | ✔ |
| tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value | 0.074000001 | 0.074000001 | ✔ |
| tgt_CurrParamComp_Per1_EstLd_Henry_f32.value | 7.00000019e-005 | 7.00000019e-005 ± 0.00000000009 | ✔ |
| tgt_CurrParamComp_Per1_EstLq_Henry_f32.value | 7.00000019e-005 | 7.00000019e-005 ± 0.0625 | ✔ |
| tgt_CurrParamComp_Per1_EstR_Ohm_f32.value | 0.00899999961 | 0.00899999961 | ✔ |

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| 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 2.7 (Repeat Count = 1) | |
|---|-------------------------------|
| Name | Input Value |
| EstKeFF_VpRadpS_M_f32 | 0.0299999993 |
| EstRFF_Ohm_M_f32 | 0.0123123396 |
| FastDataAccessBufIndex_Cnt_M_u16 | 0 |
| MtrEstKe_VpRadpS_M_f32[0] | 0.0430000015 |
| MtrEstKe_VpRadpS_M_f32[1] | 0.0710000023 |
| Rte_Inst_Ap_CurrParamComp | tgt_Rte_Inst_Ap_CurrParamComp |
| k_MaxKeRngLmt_VpRadpS_f32 | 0.0350000001 |
| k_MaxLdRngLmt_Henry_f32 | 3.9999999e-005 |
| k_MaxLqRngLmt_Henry_f32 | 7.9999998e-005 |
| k_MaxRRngLmt_Ohm_f32 | 0.00999999978 |
| k_MinKeRngLmt_VpRadpS_f32 | 0.0540000014 |
| k_MinLdRngLmt_Henry_f32 | 7.9999998e-005 |
| k_MinLqRngLmt_Henry_f32 | 0.000140000004 |
| k_MinRRngLmt_Ohm_f32 | 0.0130000003 |
| k_NomLd_Henry_f32 | 7.9999998e-005 |
| k_NomLq_Henry_f32 | 0.000140000004 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][0] | 1638 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][1] | 3277 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][2] | 4915 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][3] | 6554 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][4] | 8192 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][5] | 9830 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][6] | 11469 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][0] | 13107 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][1] | 14746 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][2] | 16384 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][3] | 18022 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][4] | 19661 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][5] | 21299 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][6] | 22938 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][0] | 24576 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][1] | 26214 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][2] | 27853 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][3] | 29491 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][4] | 31130 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][5] | 31949 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][6] | 32768 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][0] | 3277 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][1] | 6554 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][2] | 8192 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][3] | 11469 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][4] | 14746 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][5] | 29491 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][6] | 31130 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][0] | 1638 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][1] | 3277 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][2] | 4915 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][3] | 6554 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][4] | 8192 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][5] | 9830 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][6] | 11469 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][0] | 13107 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][1] | 14746 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][2] | 16384 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][3] | 18022 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][4] | 19661 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][5] | 21299 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][6] | 22938 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][0] | 1638 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][1] | 3277 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][2] | 4915 |

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

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

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

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

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CurrParamComp_Per1

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

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

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

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CurrParamComp_Per1

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

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

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

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| Name | Input Value |
|---|-------------|
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][6] | 11469 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][0] | 13107 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][1] | 14746 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][2] | 16384 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][3] | 18022 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][4] | 19661 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][5] | 21299 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][6] | 22938 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][0] | 1638 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][1] | 3277 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][2] | 4915 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][3] | 6554 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][4] | 8192 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][5] | 9830 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][6] | 11469 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[1][0] | 13107 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[1][1] | 14746 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[1][2] | 16384 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[1][3] | 18022 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[1][4] | 19661 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[1][5] | 21299 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[1][6] | 22938 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[2][0] | 24576 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[2][1] | 26214 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[2][2] | 27853 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[2][3] | 29491 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[2][4] | 31130 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[2][5] | 31949 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[2][6] | 32768 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][0] | 3277 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][1] | 6554 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][2] | 8192 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][3] | 11469 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][4] | 14746 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][5] | 29491 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][6] | 31130 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][0] | 1638 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][1] | 3277 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][2] | 4915 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][3] | 6554 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][4] | 8192 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][5] | 9830 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][6] | 11469 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][0] | 13107 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][1] | 14746 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][2] | 16384 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][3] | 18022 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][4] | 19661 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][5] | 21299 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][6] | 22938 |
| t_CurrParamCompDaxRef_Amp_u9p7[0] | 8960 |
| t_CurrParamCompDaxRef_Amp_u9p7[1] | 10240 |
| t_CurrParamCompDaxRef_Amp_u9p7[2] | 11520 |
| t_CurrParamCompDaxRef_Amp_u9p7[3] | 12800 |
| t_CurrParamCompDaxRef_Amp_u9p7[4] | 14080 |
| t_CurrParamCompDaxRef_Amp_u9p7[5] | 15360 |
| t_CurrParamCompQaxRef_Amp_u9p7[0] | 24320 |
| t_CurrParamCompQaxRef_Amp_u9p7[1] | 25600 |
| t_CurrParamCompQaxRef_Amp_u9p7[2] | 26880 |
| t_CurrParamCompQaxRef_Amp_u9p7[3] | 27008 |
| t_CurrParamCompQaxRef_Amp_u9p7[4] | 27136 |
| t_CurrParamCompQaxRef_Amp_u9p7[5] | 16000 |
| t_CurrParamCompQaxRef_Amp_u9p7[6] | 17280 |
| t_KeSatTbIX_Amp_u9p7[0] | 1280 |
| t_KeSatTbIX_Amp_u9p7[1] | 2560 |
| t_KeSatTbIX_Amp_u9p7[2] | 3840 |
| t_KeSatTbIX_Amp_u9p7[3] | 5120 |
| t_KeSatTbIX_Amp_u9p7[4] | 6400 |
| t_KeSatTbIX_Amp_u9p7[5] | 7680 |
| t_KeSatTbIX_Amp_u9p7[6] | 8960 |
| t_KeSatTbIX_Amp_u9p7[7] | 10240 |
| t_KeSatTbIX_Amp_u9p7[8] | 11520 |
| t_KeSatTbIX_Amp_u9p7[9] | 12800 |

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

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

| 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 2.11 (Repeat Count = 1)

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

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

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

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CurrParamComp_Per1

| 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 2.12 (Repeat Count = 1) | |
|---|-------------------------------|
| Name | Input Value |
| EstKeFF_VpRadpS_M_f32 | 0.0350000001 |
| EstRFF_Ohm_M_f32 | 0.0155450003 |
| FastDataAccessBufIndex_Cnt_M_u16 | 1 |
| MtrEstKe_VpRadpS_M_f32[0] | 0.0410000011 |
| MtrEstKe_VpRadpS_M_f32[1] | 0.0450000018 |
| Rte_Inst_Ap_CurrParamComp | tgt_Rte_Inst_Ap_CurrParamComp |
| k_MaxKeRngLmt_VpRadpS_f32 | 0.0399999991 |
| k_MaxLdRngLmt_Henry_f32 | 9.00000014e-005 |
| k_MaxLqRngLmt_Henry_f32 | 0.000289999996 |
| k_MaxRRngLmt_Ohm_f32 | 0.0149999997 |
| k_MinKeRngLmt_VpRadpS_f32 | 0.0590000004 |
| k_MinLdRngLmt_Henry_f32 | 0.000140000004 |
| k_MinLqRngLmt_Henry_f32 | 0.000190000006 |
| k_MinRRngLmt_Ohm_f32 | 0.0179999992 |
| k_NomLd_Henry_f32 | 0.00013 |
| k_NomLq_Henry_f32 | 0.000190000006 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][0] | 1638 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][1] | 3277 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][2] | 4915 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][3] | 6554 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][4] | 8192 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][5] | 9830 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][6] | 11469 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][0] | 13107 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][1] | 14746 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][2] | 16384 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][3] | 18022 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][4] | 19661 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][5] | 21299 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][6] | 22938 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][0] | 24576 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][1] | 26214 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][2] | 27853 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][3] | 29491 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][4] | 31130 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][5] | 31949 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][6] | 32768 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][0] | 3277 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][1] | 6554 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][2] | 8192 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][3] | 11469 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][4] | 14746 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][5] | 29491 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][6] | 31130 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][0] | 1638 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][1] | 3277 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][2] | 4915 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][3] | 6554 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][4] | 8192 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][5] | 9830 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][6] | 11469 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][0] | 13107 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][1] | 14746 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][2] | 16384 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][3] | 18022 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][4] | 19661 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][5] | 21299 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][6] | 22938 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][0] | 1638 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][1] | 3277 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][2] | 4915 |

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CurrParamComp_Per1

| Name | Input Value |
|---|-------------|
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][3] | 6554 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][4] | 8192 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][5] | 9830 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][6] | 11469 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[1][0] | 13107 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[1][1] | 14746 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[1][2] | 16384 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[1][3] | 18022 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[1][4] | 19661 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[1][5] | 21299 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[1][6] | 22938 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[2][0] | 24576 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[2][1] | 26214 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[2][2] | 27853 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[2][3] | 29491 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[2][4] | 31130 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[2][5] | 31949 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[2][6] | 32768 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][0] | 3277 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][1] | 6554 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][2] | 8192 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][3] | 11469 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][4] | 14746 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][5] | 29491 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][6] | 31130 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][0] | 1638 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][1] | 3277 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][2] | 4915 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][3] | 6554 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][4] | 8192 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][5] | 9830 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][6] | 11469 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][0] | 13107 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][1] | 14746 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][2] | 16384 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][3] | 18022 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][4] | 19661 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][5] | 21299 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][6] | 22938 |
| t_CurrParamCompDaxRef_Amp_u9p7[0] | 24320 |
| t_CurrParamCompDaxRef_Amp_u9p7[1] | 25600 |
| t_CurrParamCompDaxRef_Amp_u9p7[2] | 26880 |
| t_CurrParamCompDaxRef_Amp_u9p7[3] | 27008 |
| t_CurrParamCompDaxRef_Amp_u9p7[4] | 27136 |
| t_CurrParamCompDaxRef_Amp_u9p7[5] | 16000 |
| t_CurrParamCompQaxRef_Amp_u9p7[0] | 1408 |
| t_CurrParamCompQaxRef_Amp_u9p7[1] | 2816 |
| t_CurrParamCompQaxRef_Amp_u9p7[2] | 4224 |
| t_CurrParamCompQaxRef_Amp_u9p7[3] | 5632 |
| t_CurrParamCompQaxRef_Amp_u9p7[4] | 7040 |
| t_CurrParamCompQaxRef_Amp_u9p7[5] | 8448 |
| t_CurrParamCompQaxRef_Amp_u9p7[6] | 9856 |
| t_KeSatTblX_Amp_u9p7[0] | 640 |
| t_KeSatTblX_Amp_u9p7[1] | 1920 |
| t_KeSatTblX_Amp_u9p7[2] | 3200 |
| t_KeSatTblX_Amp_u9p7[3] | 4480 |
| t_KeSatTblX_Amp_u9p7[4] | 5760 |
| t_KeSatTblX_Amp_u9p7[5] | 7040 |
| t_KeSatTblX_Amp_u9p7[6] | 8320 |
| t_KeSatTblX_Amp_u9p7[7] | 9600 |
| t_KeSatTblX_Amp_u9p7[8] | 10880 |
| t_KeSatTblX_Amp_u9p7[9] | 12160 |
| t_KeSatTblX_Amp_u9p7[10] | 13440 |
| t_KeSatTblX_Amp_u9p7[11] | 14720 |
| t_KeSatTblX_Amp_u9p7[12] | 16000 |
| t_KeSatTblX_Amp_u9p7[13] | 17280 |
| t_KeSatTblX_Amp_u9p7[14] | 18560 |
| t_KeSatTblX_Amp_u9p7[15] | 19840 |
| t_KeSatTblY_Uls_u2p14[0] | 1966 |
| t_KeSatTblY_Uls_u2p14[1] | 2130 |
| t_KeSatTblY_Uls_u2p14[2] | 2294 |
| t_KeSatTblY_Uls_u2p14[3] | 1802 |
| t_KeSatTblY_Uls_u2p14[4] | 2621 |

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| Name | Input Value | | |
|--|--|-------------------------------|--------|
| t_KeSatTbIY_Uls_u2p14[5] | 2785 | | |
| t_KeSatTbIY_Uls_u2p14[6] | 3277 | | |
| t_KeSatTbIY_Uls_u2p14[7] | 4915 | | |
| t_KeSatTbIY_Uls_u2p14[8] | 2458 | | |
| t_KeSatTbIY_Uls_u2p14[9] | 6554 | | |
| t_KeSatTbIY_Uls_u2p14[10] | 1638 | | |
| t_KeSatTbIY_Uls_u2p14[11] | 8192 | | |
| t_KeSatTbIY_Uls_u2p14[12] | 9830 | | |
| t_KeSatTbIY_Uls_u2p14[13] | 11469 | | |
| t_KeSatTbIY_Uls_u2p14[14] | 13107 | | |
| t_KeSatTbIY_Uls_u2p14[15] | 14746 | | |
| tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value | -100 | | |
| tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value | 14.0380001 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32 | tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32 | tgt_CurrParamComp_Per1_EstLd_Henry_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32 | tgt_CurrParamComp_Per1_EstLq_Henry_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32 | tgt_CurrParamComp_Per1_EstR_Ohm_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 | tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32 | tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32 | | |
| Name | Actual Value | Expected Value | Result |
| FastDataAccessBufIndex_Cnt_M_u16 | 0 | 0 | ✔ |
| MtrEstKe_VpRadpS_M_f32[0] | 0.0590000004 | 0.0590000004 | ✔ |
| MtrEstKe_VpRadpS_M_f32[1] | 0.0450000018 | 0.0450000018 | ✔ |
| tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value | 0.0590000004 | 0.0590000004 | ✔ |
| tgt_CurrParamComp_Per1_EstLd_Henry_f32.value | 0.000140000004 | 0.000140000004 ± 0.0000000009 | ✔ |
| tgt_CurrParamComp_Per1_EstLq_Henry_f32.value | 0.000190000006 | 0.000190000006 ± 0.0625 | ✔ |
| tgt_CurrParamComp_Per1_EstR_Ohm_f32.value | 0.0149999997 | 0.0149999997 | ✔ |

| 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 | 9.99999975e-005 |
| k_MaxLqRngLmt_Henry_f32 | 0.000300000014 |
| k_MaxRRngLmt_Ohm_f32 | 0.0160000008 |
| k_MinKeRngLmt_VpRadpS_f32 | 0.0599999987 |
| k_MinLdRngLmt_Henry_f32 | 0.000150000007 |
| k_MinLqRngLmt_Henry_f32 | 0.000199999995 |
| k_MinRRngLmt_Ohm_f32 | 0.0189999994 |
| k_NomLd_Henry_f32 | 0.000140000004 |
| k_NomLq_Henry_f32 | 0.000199999995 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[0][0] | 1638 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[0][1] | 3277 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[0][2] | 4915 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[0][3] | 6554 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[0][4] | 8192 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[0][5] | 9830 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[0][6] | 11469 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[1][0] | 13107 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[1][1] | 14746 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[1][2] | 16384 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[1][3] | 18022 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[1][4] | 19661 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[1][5] | 21299 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[1][6] | 22938 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[2][0] | 24576 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[2][1] | 26214 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[2][2] | 27853 |

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

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CurrParamComp_Per1

| Name | Input Value |
|--|--|
| t_CurrParamCompQaxRef_Amp_u9p7[0] | 8960 |
| t_CurrParamCompQaxRef_Amp_u9p7[1] | 10240 |
| t_CurrParamCompQaxRef_Amp_u9p7[2] | 11520 |
| t_CurrParamCompQaxRef_Amp_u9p7[3] | 12800 |
| t_CurrParamCompQaxRef_Amp_u9p7[4] | 14080 |
| t_CurrParamCompQaxRef_Amp_u9p7[5] | 15360 |
| t_CurrParamCompQaxRef_Amp_u9p7[6] | 16640 |
| t_KeSatTbIX_Amp_u9p7[0] | 0 |
| t_KeSatTbIX_Amp_u9p7[1] | 0 |
| t_KeSatTbIX_Amp_u9p7[2] | 0 |
| t_KeSatTbIX_Amp_u9p7[3] | 0 |
| t_KeSatTbIX_Amp_u9p7[4] | 0 |
| t_KeSatTbIX_Amp_u9p7[5] | 0 |
| t_KeSatTbIX_Amp_u9p7[6] | 0 |
| t_KeSatTbIX_Amp_u9p7[7] | 0 |
| t_KeSatTbIX_Amp_u9p7[8] | 0 |
| t_KeSatTbIX_Amp_u9p7[9] | 0 |
| t_KeSatTbIX_Amp_u9p7[10] | 0 |
| t_KeSatTbIX_Amp_u9p7[11] | 0 |
| t_KeSatTbIX_Amp_u9p7[12] | 0 |
| t_KeSatTbIX_Amp_u9p7[13] | 0 |
| t_KeSatTbIX_Amp_u9p7[14] | 0 |
| t_KeSatTbIX_Amp_u9p7[15] | 0 |
| t_KeSatTbIY_Uls_u2p14[0] | 2130 |
| t_KeSatTbIY_Uls_u2p14[1] | 2294 |
| t_KeSatTbIY_Uls_u2p14[2] | 2458 |
| t_KeSatTbIY_Uls_u2p14[3] | 1966 |
| t_KeSatTbIY_Uls_u2p14[4] | 2785 |
| t_KeSatTbIY_Uls_u2p14[5] | 2949 |
| t_KeSatTbIY_Uls_u2p14[6] | 3113 |
| t_KeSatTbIY_Uls_u2p14[7] | 3277 |
| t_KeSatTbIY_Uls_u2p14[8] | 2621 |
| t_KeSatTbIY_Uls_u2p14[9] | 3441 |
| t_KeSatTbIY_Uls_u2p14[10] | 1802 |
| t_KeSatTbIY_Uls_u2p14[11] | 3604 |
| t_KeSatTbIY_Uls_u2p14[12] | 3768 |
| t_KeSatTbIY_Uls_u2p14[13] | 3932 |
| t_KeSatTbIY_Uls_u2p14[14] | 4096 |
| t_KeSatTbIY_Uls_u2p14[15] | 4260 |
| tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value | 27.0300007 |
| tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value | 14.9659996 |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32 | tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32 |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32 | tgt_CurrParamComp_Per1_EstLd_Henry_f32 |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32 | tgt_CurrParamComp_Per1_EstLq_Henry_f32 |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32 | tgt_CurrParamComp_Per1_EstR_Ohm_f32 |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 | tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32 | tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32 |

| Name | Actual Value | Expected Value | Result |
|--|----------------|------------------------------|--------|
| FastDataAccessBufIndex_Cnt_M_u16 | 1 | 1 | ✓ |
| MtrEstKe_VpRadpS_M_f32[0] | 0.0430000015 | 0.0430000015 | ✓ |
| MtrEstKe_VpRadpS_M_f32[1] | 0.0599999987 | 0.0599999987 | ✓ |
| tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value | 0.0599999987 | 0.0599999987 | ✓ |
| tgt_CurrParamComp_Per1_EstLd_Henry_f32.value | 9.9999975e-005 | 9.9999975e-005 ± 0.000000009 | ✓ |
| tgt_CurrParamComp_Per1_EstLq_Henry_f32.value | 0.000258325192 | 0.000258324988 ± 0.0625 | ✓ |
| tgt_CurrParamComp_Per1_EstR_Ohm_f32.value | 0.0160000008 | 0.0160000008 | ✓ |

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

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CurrParamComp_Per1

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

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CurrParamComp_Per1

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

| 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 2.15 (Repeat Count = 1) | | | ✓ |
|---|--|-------------------------------|---|
| Name | | Input Value | |
| EstKeFF_VpRadpS_M_f32 | | 0.074000001 | |
| EstRFF_Ohm_M_f32 | | 0.0398560017 | |
| FastDataAccessBufIndex_Cnt_M_u16 | | 1 | |
| MtrEstKe_VpRadpS_M_f32[0] | | 0.0260000005 | |
| MtrEstKe_VpRadpS_M_f32[1] | | 0.0270000007 | |
| Rte_Inst_Ap_CurrParamComp | | tgt_Rte_Inst_Ap_CurrParamComp | |
| k_MaxKeRngLmt_VpRadpS_f32 | | 0.075000003 | |
| k_MaxLdRngLmt_Henry_f32 | | 0.000310000003 | |
| k_MaxLqRngLmt_Henry_f32 | | 0.000289999996 | |
| k_MaxRRngLmt_Ohm_f32 | | 0.0240000002 | |
| k_MinKeRngLmt_VpRadpS_f32 | | 0.0649999976 | |
| k_MinLdRngLmt_Henry_f32 | | 0.00033000001 | |
| k_MinLqRngLmt_Henry_f32 | | 0.000239999994 | |
| k_MinRRngLmt_Ohm_f32 | | 0.0390000008 | |
| k_NomLd_Henry_f32 | | 0.000260000001 | |
| k_NomLq_Henry_f32 | | 3.9999999e-005 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][0] | | 1638 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][1] | | 3277 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][2] | | 4915 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][3] | | 6554 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][4] | | 8192 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][5] | | 9830 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][6] | | 11469 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][0] | | 13107 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][1] | | 14746 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][2] | | 16384 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][3] | | 18022 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][4] | | 19661 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][5] | | 21299 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][6] | | 22938 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[2][0] | | 24576 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[2][1] | | 26214 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[2][2] | | 27853 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[2][3] | | 29491 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[2][4] | | 31130 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[2][5] | | 31949 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[2][6] | | 32768 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[3][0] | | 3277 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[3][1] | | 6554 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[3][2] | | 8192 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[3][3] | | 11469 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[3][4] | | 14746 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[3][5] | | 29491 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[3][6] | | 31130 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[4][0] | | 1638 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[4][1] | | 3277 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[4][2] | | 4915 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[4][3] | | 6554 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[4][4] | | 8192 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[4][5] | | 9830 | |

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CurrParamComp_Per1

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

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| Name | Input Value |
|--|--|
| t_KeSatTbIX_Amp_u9p7[10] | 12800 |
| t_KeSatTbIX_Amp_u9p7[11] | 12800 |
| t_KeSatTbIX_Amp_u9p7[12] | 12800 |
| t_KeSatTbIX_Amp_u9p7[13] | 12800 |
| t_KeSatTbIX_Amp_u9p7[14] | 12800 |
| t_KeSatTbIX_Amp_u9p7[15] | 12800 |
| t_KeSatTbIY_Uls_u2p14[0] | 16384 |
| t_KeSatTbIY_Uls_u2p14[1] | 16384 |
| t_KeSatTbIY_Uls_u2p14[2] | 16384 |
| t_KeSatTbIY_Uls_u2p14[3] | 16384 |
| t_KeSatTbIY_Uls_u2p14[4] | 16384 |
| t_KeSatTbIY_Uls_u2p14[5] | 16384 |
| t_KeSatTbIY_Uls_u2p14[6] | 16384 |
| t_KeSatTbIY_Uls_u2p14[7] | 16384 |
| t_KeSatTbIY_Uls_u2p14[8] | 16384 |
| t_KeSatTbIY_Uls_u2p14[9] | 16384 |
| t_KeSatTbIY_Uls_u2p14[10] | 16384 |
| t_KeSatTbIY_Uls_u2p14[11] | 16384 |
| t_KeSatTbIY_Uls_u2p14[12] | 16384 |
| t_KeSatTbIY_Uls_u2p14[13] | 16384 |
| t_KeSatTbIY_Uls_u2p14[14] | 16384 |
| t_KeSatTbIY_Uls_u2p14[15] | 16384 |
| tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value | 155.350006 |
| tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value | 220 |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32 | tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32 |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32 | tgt_CurrParamComp_Per1_EstLd_Henry_f32 |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32 | tgt_CurrParamComp_Per1_EstLq_Henry_f32 |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32 | tgt_CurrParamComp_Per1_EstR_Ohm_f32 |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 | tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32 | tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32 |

| Name | Actual Value | Expected Value | Result |
|--|---------------|-----------------------------|--------|
| FastDataAccessBufIndex_Cnt_M_u16 | 0 | 0 | ✓ |
| MtrEstKe_VpRadpS_M_f32[0] | 0.074000001 | 0.074000001 | ✓ |
| MtrEstKe_VpRadpS_M_f32[1] | 0.0270000007 | 0.0270000007 | ✓ |
| tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value | 0.074000001 | 0.074000001 | ✓ |
| tgt_CurrParamComp_Per1_EstLd_Henry_f32.value | 0.00031000003 | 0.00031000003 ± 0.000000009 | ✓ |
| tgt_CurrParamComp_Per1_EstLq_Henry_f32.value | 0.00023999994 | 0.00023999994 ± 0.000000009 | ✓ |
| tgt_CurrParamComp_Per1_EstR_Ohm_f32.value | 0.0240000002 | 0.0240000002 ± 0.000000009 | ✓ |

| 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_CurrParamLdSatSciFac_Uls_u2p14[0][0] | 1638 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][1] | 3277 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][2] | 4915 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][3] | 6554 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][4] | 8192 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][5] | 9830 |

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CurrParamComp_Per1

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

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CurrParamComp_Per1

| Name | Input Value | | |
|--|--|-------------------------------|--------|
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][2] | 16384 | | |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][3] | 18022 | | |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][4] | 19661 | | |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][5] | 21299 | | |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][6] | 22938 | | |
| t_CurrParamCompDaxRef_Amp_u9p7[0] | 16640 | | |
| t_CurrParamCompDaxRef_Amp_u9p7[1] | 17920 | | |
| t_CurrParamCompDaxRef_Amp_u9p7[2] | 19200 | | |
| t_CurrParamCompDaxRef_Amp_u9p7[3] | 20480 | | |
| t_CurrParamCompDaxRef_Amp_u9p7[4] | 21760 | | |
| t_CurrParamCompDaxRef_Amp_u9p7[5] | 23040 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[0] | 1280 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[1] | 2560 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[2] | 3840 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[3] | 5120 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[4] | 6400 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[5] | 7680 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[6] | 8960 | | |
| t_KeSatTbIX_Amp_u9p7[0] | 1280 | | |
| t_KeSatTbIX_Amp_u9p7[1] | 2560 | | |
| t_KeSatTbIX_Amp_u9p7[2] | 3840 | | |
| t_KeSatTbIX_Amp_u9p7[3] | 5120 | | |
| t_KeSatTbIX_Amp_u9p7[4] | 6400 | | |
| t_KeSatTbIX_Amp_u9p7[5] | 7680 | | |
| t_KeSatTbIX_Amp_u9p7[6] | 8960 | | |
| t_KeSatTbIX_Amp_u9p7[7] | 10240 | | |
| t_KeSatTbIX_Amp_u9p7[8] | 11520 | | |
| t_KeSatTbIX_Amp_u9p7[9] | 12800 | | |
| t_KeSatTbIX_Amp_u9p7[10] | 14080 | | |
| t_KeSatTbIX_Amp_u9p7[11] | 15360 | | |
| t_KeSatTbIX_Amp_u9p7[12] | 16640 | | |
| t_KeSatTbIX_Amp_u9p7[13] | 17920 | | |
| t_KeSatTbIX_Amp_u9p7[14] | 19200 | | |
| t_KeSatTbIX_Amp_u9p7[15] | 20480 | | |
| t_KeSatTbIY_Uls_u2p14[0] | 0 | | |
| t_KeSatTbIY_Uls_u2p14[1] | 0 | | |
| t_KeSatTbIY_Uls_u2p14[2] | 0 | | |
| t_KeSatTbIY_Uls_u2p14[3] | 0 | | |
| t_KeSatTbIY_Uls_u2p14[4] | 0 | | |
| t_KeSatTbIY_Uls_u2p14[5] | 0 | | |
| t_KeSatTbIY_Uls_u2p14[6] | 0 | | |
| t_KeSatTbIY_Uls_u2p14[7] | 0 | | |
| t_KeSatTbIY_Uls_u2p14[8] | 0 | | |
| t_KeSatTbIY_Uls_u2p14[9] | 0 | | |
| t_KeSatTbIY_Uls_u2p14[10] | 0 | | |
| t_KeSatTbIY_Uls_u2p14[11] | 0 | | |
| t_KeSatTbIY_Uls_u2p14[12] | 0 | | |
| t_KeSatTbIY_Uls_u2p14[13] | 0 | | |
| t_KeSatTbIY_Uls_u2p14[14] | 0 | | |
| t_KeSatTbIY_Uls_u2p14[15] | 0 | | |
| tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value | -85.7519989 | | |
| tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value | 17.75 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32 | tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32 | tgt_CurrParamComp_Per1_EstLd_Henry_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32 | tgt_CurrParamComp_Per1_EstLq_Henry_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32 | tgt_CurrParamComp_Per1_EstR_Ohm_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3: | tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3: | tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32 | | |
| Name | Actual Value | Expected Value | Result |
| FastDataAccessBufIndex_Cnt_M_u16 | 1 | 1 | ✔ |
| MtrEstKe_VpRadpS_M_f32[0] | 0.0280000009 | 0.0280000009 | ✔ |
| MtrEstKe_VpRadpS_M_f32[1] | 0.0610000007 | 0.0610000007 | ✔ |
| tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value | 0.0610000007 | 0.0610000007 | ✔ |
| tgt_CurrParamComp_Per1_EstLd_Henry_f32.value | 0.000180000003 | 0.000180000003 ± 0.0000000009 | ✔ |
| tgt_CurrParamComp_Per1_EstLq_Henry_f32.value | 0.000230000005 | 0.000230000005 ± 0.0625 | ✔ |
| tgt_CurrParamComp_Per1_EstR_Ohm_f32.value | 0.0189999994 | 0.0189999994 | ✔ |

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CurrParamComp_Per1

| 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 2.17 (Repeat Count = 1) | |
|---|-------------------------------|
| Name | Input Value |
| EstKeFF_VpRadpS_M_f32 | 0.03999999991 |
| EstRFF_Ohm_M_f32 | 0.0253454 |
| FastDataAccessBufIndex_Cnt_M_u16 | 1 |
| MtrEstKe_VpRadpS_M_f32[0] | 0.02999999993 |
| MtrEstKe_VpRadpS_M_f32[1] | 0.03099999995 |
| Rte_Inst_Ap_CurrParamComp | tgt_Rte_Inst_Ap_CurrParamComp |
| k_MaxKeRngLmt_VpRadpS_f32 | 0.07199999969 |
| k_MaxLdRngLmt_Henry_f32 | 0.000150000007 |
| k_MaxLqRngLmt_Henry_f32 | 9.99999975e-005 |
| k_MaxRRngLmt_Ohm_f32 | 0.01999999996 |
| k_MinKeRngLmt_VpRadpS_f32 | 0.0619999999 |
| k_MinLdRngLmt_Henry_f32 | 0.000190000006 |
| k_MinLqRngLmt_Henry_f32 | 3.9999999e-005 |
| k_MinRRngLmt_Ohm_f32 | 0.023 |
| k_NomLd_Henry_f32 | 9.99999975e-005 |
| k_NomLq_Henry_f32 | 0.000239999994 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][0] | 1638 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][1] | 3277 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][2] | 4915 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][3] | 6554 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][4] | 8192 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][5] | 9830 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][6] | 11469 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][0] | 13107 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][1] | 14746 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][2] | 16384 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][3] | 18022 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][4] | 19661 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][5] | 21299 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][6] | 22938 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][0] | 24576 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][1] | 26214 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][2] | 27853 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][3] | 29491 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][4] | 31130 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][5] | 31949 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][6] | 32768 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][0] | 3277 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][1] | 6554 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][2] | 8192 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][3] | 11469 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][4] | 14746 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][5] | 29491 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][6] | 31130 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][0] | 1638 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][1] | 3277 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][2] | 4915 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][3] | 6554 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][4] | 8192 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][5] | 9830 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][6] | 11469 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][0] | 13107 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][1] | 14746 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][2] | 16384 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][3] | 18022 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][4] | 19661 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][5] | 21299 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][6] | 22938 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][0] | 1638 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][1] | 3277 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][2] | 4915 |

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CurrParamComp_Per1

| Name | Input Value |
|---|-------------|
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][3] | 6554 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][4] | 8192 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][5] | 9830 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][6] | 11469 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[1][0] | 13107 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[1][1] | 14746 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[1][2] | 16384 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[1][3] | 18022 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[1][4] | 19661 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[1][5] | 21299 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[1][6] | 22938 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[2][0] | 24576 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[2][1] | 26214 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[2][2] | 27853 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[2][3] | 29491 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[2][4] | 31130 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[2][5] | 31949 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[2][6] | 32768 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][0] | 3277 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][1] | 6554 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][2] | 8192 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][3] | 11469 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][4] | 14746 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][5] | 29491 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][6] | 31130 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][0] | 1638 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][1] | 3277 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][2] | 4915 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][3] | 6554 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][4] | 8192 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][5] | 9830 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][6] | 11469 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][0] | 13107 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][1] | 14746 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][2] | 16384 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][3] | 18022 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][4] | 19661 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][5] | 21299 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][6] | 22938 |
| t_CurrParamCompDaxRef_Amp_u9p7[0] | 24320 |
| t_CurrParamCompDaxRef_Amp_u9p7[1] | 25600 |
| t_CurrParamCompDaxRef_Amp_u9p7[2] | 26880 |
| t_CurrParamCompDaxRef_Amp_u9p7[3] | 27008 |
| t_CurrParamCompDaxRef_Amp_u9p7[4] | 27136 |
| t_CurrParamCompDaxRef_Amp_u9p7[5] | 16000 |
| t_CurrParamCompQaxRef_Amp_u9p7[0] | 1408 |
| t_CurrParamCompQaxRef_Amp_u9p7[1] | 2816 |
| t_CurrParamCompQaxRef_Amp_u9p7[2] | 4224 |
| t_CurrParamCompQaxRef_Amp_u9p7[3] | 5632 |
| t_CurrParamCompQaxRef_Amp_u9p7[4] | 7040 |
| t_CurrParamCompQaxRef_Amp_u9p7[5] | 8448 |
| t_CurrParamCompQaxRef_Amp_u9p7[6] | 9856 |
| t_KeSatTbIX_Amp_u9p7[0] | 1408 |
| t_KeSatTbIX_Amp_u9p7[1] | 2816 |
| t_KeSatTbIX_Amp_u9p7[2] | 4224 |
| t_KeSatTbIX_Amp_u9p7[3] | 5632 |
| t_KeSatTbIX_Amp_u9p7[4] | 7040 |
| t_KeSatTbIX_Amp_u9p7[5] | 8448 |
| t_KeSatTbIX_Amp_u9p7[6] | 9856 |
| t_KeSatTbIX_Amp_u9p7[7] | 11264 |
| t_KeSatTbIX_Amp_u9p7[8] | 12672 |
| t_KeSatTbIX_Amp_u9p7[9] | 14080 |
| t_KeSatTbIX_Amp_u9p7[10] | 15360 |
| t_KeSatTbIX_Amp_u9p7[11] | 16640 |
| t_KeSatTbIX_Amp_u9p7[12] | 17920 |
| t_KeSatTbIX_Amp_u9p7[13] | 19200 |
| t_KeSatTbIX_Amp_u9p7[14] | 20480 |
| t_KeSatTbIX_Amp_u9p7[15] | 21760 |
| t_KeSatTbIY_Uls_u2p14[0] | 32768 |
| t_KeSatTbIY_Uls_u2p14[1] | 32768 |
| t_KeSatTbIY_Uls_u2p14[2] | 32768 |
| t_KeSatTbIY_Uls_u2p14[3] | 32768 |
| t_KeSatTbIY_Uls_u2p14[4] | 32768 |

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CurrParamComp_Per1

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

| 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 | 0.0729999989 |
| k_MaxLdRngLmt_Henry_f32 | 0.000159999996 |
| k_MaxLqRngLmt_Henry_f32 | 0.000110000001 |
| k_MaxRRngLmt_Ohm_f32 | 0.00899999961 |
| k_MinKeRngLmt_VpRadpS_f32 | 0.0630000001 |
| k_MinLdRngLmt_Henry_f32 | 0.000199999995 |
| k_MinLqRngLmt_Henry_f32 | 4.99999987e-005 |
| k_MinRRngLmt_Ohm_f32 | 0.0240000002 |
| k_NomLd_Henry_f32 | 0.000110000001 |
| k_NomLq_Henry_f32 | 0.000250000012 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[0][0] | 1638 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[0][1] | 3277 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[0][2] | 4915 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[0][3] | 6554 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[0][4] | 8192 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[0][5] | 9830 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[0][6] | 11469 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[1][0] | 13107 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[1][1] | 14746 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[1][2] | 16384 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[1][3] | 18022 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[1][4] | 19661 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[1][5] | 21299 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[1][6] | 22938 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[2][0] | 24576 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[2][1] | 26214 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[2][2] | 27853 |

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CurrParamComp_Per1

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

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CurrParamComp_Per1

| Name | Input Value |
|--|-------------|
| t_CurrParamCompQaxRef_Amp_u9p7[0] | 16640 |
| t_CurrParamCompQaxRef_Amp_u9p7[1] | 17920 |
| t_CurrParamCompQaxRef_Amp_u9p7[2] | 19200 |
| t_CurrParamCompQaxRef_Amp_u9p7[3] | 20480 |
| t_CurrParamCompQaxRef_Amp_u9p7[4] | 21760 |
| t_CurrParamCompQaxRef_Amp_u9p7[5] | 23040 |
| t_CurrParamCompQaxRef_Amp_u9p7[6] | 25600 |
| t_KeSatTbIX_Amp_u9p7[0] | 640 |
| t_KeSatTbIX_Amp_u9p7[1] | 1920 |
| t_KeSatTbIX_Amp_u9p7[2] | 3200 |
| t_KeSatTbIX_Amp_u9p7[3] | 4480 |
| t_KeSatTbIX_Amp_u9p7[4] | 5760 |
| t_KeSatTbIX_Amp_u9p7[5] | 7040 |
| t_KeSatTbIX_Amp_u9p7[6] | 8320 |
| t_KeSatTbIX_Amp_u9p7[7] | 9600 |
| t_KeSatTbIX_Amp_u9p7[8] | 10880 |
| t_KeSatTbIX_Amp_u9p7[9] | 12160 |
| t_KeSatTbIX_Amp_u9p7[10] | 13440 |
| t_KeSatTbIX_Amp_u9p7[11] | 14720 |
| t_KeSatTbIX_Amp_u9p7[12] | 16000 |
| t_KeSatTbIX_Amp_u9p7[13] | 17280 |
| t_KeSatTbIX_Amp_u9p7[14] | 18560 |
| t_KeSatTbIX_Amp_u9p7[15] | 19840 |
| t_KeSatTbIY_Uls_u2p14[0] | 8192 |
| t_KeSatTbIY_Uls_u2p14[1] | 8192 |
| t_KeSatTbIY_Uls_u2p14[2] | 8192 |
| t_KeSatTbIY_Uls_u2p14[3] | 8192 |
| t_KeSatTbIY_Uls_u2p14[4] | 8192 |
| t_KeSatTbIY_Uls_u2p14[5] | 8192 |
| t_KeSatTbIY_Uls_u2p14[6] | 8192 |
| t_KeSatTbIY_Uls_u2p14[7] | 8192 |
| t_KeSatTbIY_Uls_u2p14[8] | 8192 |
| t_KeSatTbIY_Uls_u2p14[9] | 8192 |
| t_KeSatTbIY_Uls_u2p14[10] | 8192 |
| t_KeSatTbIY_Uls_u2p14[11] | 8192 |
| t_KeSatTbIY_Uls_u2p14[12] | 8192 |
| t_KeSatTbIY_Uls_u2p14[13] | 8192 |
| t_KeSatTbIY_Uls_u2p14[14] | 8192 |
| t_KeSatTbIY_Uls_u2p14[15] | 8192 |
| tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value | -160.940002 |
| tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value | 19.6060009 |

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CurrParamComp_Per1

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

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CurrParamComp_Per1

| Name | Input Value |
|--|--|
| t2_CurrParamLqSatSciFac_Uls_u2p14[2][6] | 32768 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][0] | 3277 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][1] | 6554 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][2] | 8192 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][3] | 11469 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][4] | 14746 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][5] | 29491 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][6] | 31130 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][0] | 1638 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][1] | 3277 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][2] | 4915 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][3] | 6554 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][4] | 8192 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][5] | 9830 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][6] | 11469 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][0] | 13107 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][1] | 14746 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][2] | 16384 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][3] | 18022 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][4] | 19661 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][5] | 21299 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][6] | 22938 |
| t_CurrParamCompDaxRef_Amp_u9p7[0] | 0 |
| t_CurrParamCompDaxRef_Amp_u9p7[1] | 0 |
| t_CurrParamCompDaxRef_Amp_u9p7[2] | 0 |
| t_CurrParamCompDaxRef_Amp_u9p7[3] | 0 |
| t_CurrParamCompDaxRef_Amp_u9p7[4] | 0 |
| t_CurrParamCompDaxRef_Amp_u9p7[5] | 0 |
| t_CurrParamCompQaxRef_Amp_u9p7[0] | 24320 |
| t_CurrParamCompQaxRef_Amp_u9p7[1] | 25600 |
| t_CurrParamCompQaxRef_Amp_u9p7[2] | 26880 |
| t_CurrParamCompQaxRef_Amp_u9p7[3] | 27008 |
| t_CurrParamCompQaxRef_Amp_u9p7[4] | 27136 |
| t_CurrParamCompQaxRef_Amp_u9p7[5] | 16000 |
| t_CurrParamCompQaxRef_Amp_u9p7[6] | 17280 |
| t_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] | 14909 |
| t_KeSatTblY_Uls_u2p14[14] | 14982 |
| t_KeSatTblY_Uls_u2p14[15] | 16356 |
| tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value | -198.533997 |
| tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value | 20.5340004 |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32 | tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32 |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32 | tgt_CurrParamComp_Per1_EstLd_Henry_f32 |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32 | tgt_CurrParamComp_Per1_EstLq_Henry_f32 |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32 | tgt_CurrParamComp_Per1_EstR_Ohm_f32 |

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CurrParamComp_Per1

| Name | Input Value | | |
|--|--|-------------------------------|--------|
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 | tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32 | tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32 | | |
| Name | Actual Value | Expected Value | Result |
| FastDataAccessBufIndex_Cnt_M_u16 | 0 | 0 | ✔ |
| MtrEstKe_VpRadpS_M_f32[0] | 0.064000003 | 0.064000003 | ✔ |
| MtrEstKe_VpRadpS_M_f32[1] | 0.0710000023 | 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 | 5.99999985e-005 | 5.99999985e-005 ± 0.0625 | ✔ |
| tgt_CurrParamComp_Per1_EstR_Ohm_f32.value | 0.00999999978 | 0.00999999978 | ✔ |

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

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| Name | Input Value |
|---|-------------|
| t2_CurrParamLdSatScIFac_Uls_u2p14[4][6] | 11469 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[5][0] | 13107 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[5][1] | 14746 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[5][2] | 16384 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[5][3] | 18022 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[5][4] | 19661 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[5][5] | 21299 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[5][6] | 22938 |
| t2_CurrParamLqSatScIFac_Uls_u2p14[0][0] | 1638 |
| t2_CurrParamLqSatScIFac_Uls_u2p14[0][1] | 3277 |
| t2_CurrParamLqSatScIFac_Uls_u2p14[0][2] | 4915 |
| t2_CurrParamLqSatScIFac_Uls_u2p14[0][3] | 6554 |
| t2_CurrParamLqSatScIFac_Uls_u2p14[0][4] | 8192 |
| t2_CurrParamLqSatScIFac_Uls_u2p14[0][5] | 9830 |
| t2_CurrParamLqSatScIFac_Uls_u2p14[0][6] | 11469 |
| t2_CurrParamLqSatScIFac_Uls_u2p14[1][0] | 13107 |
| t2_CurrParamLqSatScIFac_Uls_u2p14[1][1] | 14746 |
| t2_CurrParamLqSatScIFac_Uls_u2p14[1][2] | 16384 |
| t2_CurrParamLqSatScIFac_Uls_u2p14[1][3] | 18022 |
| t2_CurrParamLqSatScIFac_Uls_u2p14[1][4] | 19661 |
| t2_CurrParamLqSatScIFac_Uls_u2p14[1][5] | 21299 |
| t2_CurrParamLqSatScIFac_Uls_u2p14[1][6] | 22938 |
| t2_CurrParamLqSatScIFac_Uls_u2p14[2][0] | 24576 |
| t2_CurrParamLqSatScIFac_Uls_u2p14[2][1] | 26214 |
| t2_CurrParamLqSatScIFac_Uls_u2p14[2][2] | 27853 |
| t2_CurrParamLqSatScIFac_Uls_u2p14[2][3] | 29491 |
| t2_CurrParamLqSatScIFac_Uls_u2p14[2][4] | 31130 |
| t2_CurrParamLqSatScIFac_Uls_u2p14[2][5] | 31949 |
| t2_CurrParamLqSatScIFac_Uls_u2p14[2][6] | 32768 |
| t2_CurrParamLqSatScIFac_Uls_u2p14[3][0] | 3277 |
| t2_CurrParamLqSatScIFac_Uls_u2p14[3][1] | 6554 |
| t2_CurrParamLqSatScIFac_Uls_u2p14[3][2] | 8192 |
| t2_CurrParamLqSatScIFac_Uls_u2p14[3][3] | 11469 |
| t2_CurrParamLqSatScIFac_Uls_u2p14[3][4] | 14746 |
| t2_CurrParamLqSatScIFac_Uls_u2p14[3][5] | 29491 |
| t2_CurrParamLqSatScIFac_Uls_u2p14[3][6] | 31130 |
| t2_CurrParamLqSatScIFac_Uls_u2p14[4][0] | 1638 |
| t2_CurrParamLqSatScIFac_Uls_u2p14[4][1] | 3277 |
| t2_CurrParamLqSatScIFac_Uls_u2p14[4][2] | 4915 |
| t2_CurrParamLqSatScIFac_Uls_u2p14[4][3] | 6554 |
| t2_CurrParamLqSatScIFac_Uls_u2p14[4][4] | 8192 |
| t2_CurrParamLqSatScIFac_Uls_u2p14[4][5] | 9830 |
| t2_CurrParamLqSatScIFac_Uls_u2p14[4][6] | 11469 |
| t2_CurrParamLqSatScIFac_Uls_u2p14[5][0] | 13107 |
| t2_CurrParamLqSatScIFac_Uls_u2p14[5][1] | 14746 |
| t2_CurrParamLqSatScIFac_Uls_u2p14[5][2] | 16384 |
| t2_CurrParamLqSatScIFac_Uls_u2p14[5][3] | 18022 |
| t2_CurrParamLqSatScIFac_Uls_u2p14[5][4] | 19661 |
| t2_CurrParamLqSatScIFac_Uls_u2p14[5][5] | 21299 |
| t2_CurrParamLqSatScIFac_Uls_u2p14[5][6] | 22938 |
| t_CurrParamCompDaxRef_Amp_u9p7[0] | 28160 |
| t_CurrParamCompDaxRef_Amp_u9p7[1] | 28160 |
| t_CurrParamCompDaxRef_Amp_u9p7[2] | 28160 |
| t_CurrParamCompDaxRef_Amp_u9p7[3] | 28160 |
| t_CurrParamCompDaxRef_Amp_u9p7[4] | 28160 |
| t_CurrParamCompDaxRef_Amp_u9p7[5] | 28160 |
| t_CurrParamCompQaxRef_Amp_u9p7[0] | 1280 |
| t_CurrParamCompQaxRef_Amp_u9p7[1] | 2560 |
| t_CurrParamCompQaxRef_Amp_u9p7[2] | 3840 |
| t_CurrParamCompQaxRef_Amp_u9p7[3] | 5120 |
| t_CurrParamCompQaxRef_Amp_u9p7[4] | 6400 |
| t_CurrParamCompQaxRef_Amp_u9p7[5] | 7680 |
| t_CurrParamCompQaxRef_Amp_u9p7[6] | 8960 |
| t_KeSatTbIX_Amp_u9p7[0] | 1408 |
| t_KeSatTbIX_Amp_u9p7[1] | 2816 |
| t_KeSatTbIX_Amp_u9p7[2] | 4224 |
| t_KeSatTbIX_Amp_u9p7[3] | 5632 |
| t_KeSatTbIX_Amp_u9p7[4] | 7040 |
| t_KeSatTbIX_Amp_u9p7[5] | 8448 |
| t_KeSatTbIX_Amp_u9p7[6] | 9856 |
| t_KeSatTbIX_Amp_u9p7[7] | 11264 |
| t_KeSatTbIX_Amp_u9p7[8] | 12672 |
| t_KeSatTbIX_Amp_u9p7[9] | 14080 |

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CurrParamComp_Per1

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

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

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CurrParamComp_Per1

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

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CurrParamComp_Per1

| Name | Input Value | | |
|--|--|-------------------------------|--------|
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][2] | 16384 | | |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][3] | 18022 | | |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][4] | 19661 | | |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][5] | 21299 | | |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][6] | 22938 | | |
| t_CurrParamCompDaxRef_Amp_u9p7[0] | 12800 | | |
| t_CurrParamCompDaxRef_Amp_u9p7[1] | 12800 | | |
| t_CurrParamCompDaxRef_Amp_u9p7[2] | 12800 | | |
| t_CurrParamCompDaxRef_Amp_u9p7[3] | 12800 | | |
| t_CurrParamCompDaxRef_Amp_u9p7[4] | 12800 | | |
| t_CurrParamCompDaxRef_Amp_u9p7[5] | 12800 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[0] | 1408 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[1] | 2816 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[2] | 4224 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[3] | 5632 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[4] | 7040 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[5] | 8448 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[6] | 9856 | | |
| t_KeSatTblX_Amp_u9p7[0] | 640 | | |
| t_KeSatTblX_Amp_u9p7[1] | 1920 | | |
| t_KeSatTblX_Amp_u9p7[2] | 3200 | | |
| t_KeSatTblX_Amp_u9p7[3] | 4480 | | |
| t_KeSatTblX_Amp_u9p7[4] | 5760 | | |
| t_KeSatTblX_Amp_u9p7[5] | 7040 | | |
| t_KeSatTblX_Amp_u9p7[6] | 8320 | | |
| t_KeSatTblX_Amp_u9p7[7] | 9600 | | |
| t_KeSatTblX_Amp_u9p7[8] | 10880 | | |
| t_KeSatTblX_Amp_u9p7[9] | 12160 | | |
| t_KeSatTblX_Amp_u9p7[10] | 13440 | | |
| t_KeSatTblX_Amp_u9p7[11] | 14720 | | |
| t_KeSatTblX_Amp_u9p7[12] | 16000 | | |
| t_KeSatTblX_Amp_u9p7[13] | 17280 | | |
| t_KeSatTblX_Amp_u9p7[14] | 18560 | | |
| t_KeSatTblX_Amp_u9p7[15] | 19840 | | |
| t_KeSatTblY_Uls_u2p14[0] | 4096 | | |
| t_KeSatTblY_Uls_u2p14[1] | 5734 | | |
| t_KeSatTblY_Uls_u2p14[2] | 7373 | | |
| t_KeSatTblY_Uls_u2p14[3] | 2458 | | |
| t_KeSatTblY_Uls_u2p14[4] | 10650 | | |
| t_KeSatTblY_Uls_u2p14[5] | 12288 | | |
| t_KeSatTblY_Uls_u2p14[6] | 13926 | | |
| t_KeSatTblY_Uls_u2p14[7] | 14082 | | |
| t_KeSatTblY_Uls_u2p14[8] | 9011 | | |
| t_KeSatTblY_Uls_u2p14[9] | 14254 | | |
| t_KeSatTblY_Uls_u2p14[10] | 819 | | |
| t_KeSatTblY_Uls_u2p14[11] | 14285 | | |
| t_KeSatTblY_Uls_u2p14[12] | 14439 | | |
| t_KeSatTblY_Uls_u2p14[13] | 6554 | | |
| t_KeSatTblY_Uls_u2p14[14] | 14606 | | |
| t_KeSatTblY_Uls_u2p14[15] | 16244 | | |
| tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value | -28.4640007 | | |
| tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value | 22.3899994 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32 | tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32 | tgt_CurrParamComp_Per1_EstLd_Henry_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32 | tgt_CurrParamComp_Per1_EstLq_Henry_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32 | tgt_CurrParamComp_Per1_EstR_Ohm_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3: | tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3: | tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32 | | |
| Name | Actual Value | Expected Value | Result |
| FastDataAccessBufIndex_Cnt_M_u16 | 0 | 0 | ✔ |
| MtrEstKe_VpRadpS_M_f32[0] | 0.0659999996 | 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 | 7.9999998e-005 | 7.9999998e-005 ± 0.0625 | ✔ |
| tgt_CurrParamComp_Per1_EstR_Ohm_f32.value | 0.0120000001 | 0.0120000001 | ✔ |

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CurrParamComp_Per1

| 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 2.22 (Repeat Count = 1) | |
|---|-------------------------------|
| Name | Input Value |
| EstKeFF_VpRadpS_M_f32 | 0.0450000018 |
| EstRFF_Ohm_M_f32 | 0.0254234001 |
| FastDataAccessBufIndex_Cnt_M_u16 | 0 |
| MtrEstKe_VpRadpS_M_f32[0] | 0.0280000009 |
| MtrEstKe_VpRadpS_M_f32[1] | 0.0289999992 |
| Rte_Inst_Ap_CurrParamComp | tgt_Rte_Inst_Ap_CurrParamComp |
| k_MaxKeRngLmt_VpRadpS_f32 | 0.0560000017 |
| k_MaxLdRngLmt_Henry_f32 | 0.000199999995 |
| k_MaxLqRngLmt_Henry_f32 | 0.000150000007 |
| k_MaxRRngLmt_Ohm_f32 | 0.0130000003 |
| k_MinKeRngLmt_VpRadpS_f32 | 0.0670000017 |
| k_MinLdRngLmt_Henry_f32 | 0.000220000002 |
| k_MinLqRngLmt_Henry_f32 | 9.00000014e-005 |
| k_MinRRngLmt_Ohm_f32 | 0.0280000009 |
| k_NomLd_Henry_f32 | 0.000150000007 |
| k_NomLq_Henry_f32 | 0.000289999996 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][0] | 1638 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][1] | 3277 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][2] | 4915 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][3] | 6554 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][4] | 8192 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][5] | 9830 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][6] | 11469 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][0] | 13107 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][1] | 14746 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][2] | 16384 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][3] | 18022 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][4] | 19661 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][5] | 21299 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][6] | 22938 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][0] | 24576 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][1] | 26214 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][2] | 27853 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][3] | 29491 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][4] | 31130 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][5] | 31949 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][6] | 32768 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][0] | 3277 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][1] | 6554 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][2] | 8192 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][3] | 11469 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][4] | 14746 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][5] | 29491 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][6] | 31130 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][0] | 1638 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][1] | 3277 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][2] | 4915 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][3] | 6554 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][4] | 8192 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][5] | 9830 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][6] | 11469 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][0] | 13107 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][1] | 14746 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][2] | 16384 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][3] | 18022 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][4] | 19661 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][5] | 21299 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][6] | 22938 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][0] | 1638 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][1] | 3277 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][2] | 4915 |

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CurrParamComp_Per1

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

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CurrParamComp_Per1

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

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

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

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| Name | Input Value | | |
|--|--|-------------------------------|--------|
| t_CurrParamCompQaxRef_Amp_u9p7[0] | 28160 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[1] | 28160 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[2] | 28160 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[3] | 28160 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[4] | 28160 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[5] | 28160 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[6] | 28160 | | |
| t_KeSatTbIX_Amp_u9p7[0] | 1408 | | |
| t_KeSatTbIX_Amp_u9p7[1] | 2816 | | |
| t_KeSatTbIX_Amp_u9p7[2] | 4224 | | |
| t_KeSatTbIX_Amp_u9p7[3] | 5632 | | |
| t_KeSatTbIX_Amp_u9p7[4] | 7040 | | |
| t_KeSatTbIX_Amp_u9p7[5] | 8448 | | |
| t_KeSatTbIX_Amp_u9p7[6] | 9856 | | |
| t_KeSatTbIX_Amp_u9p7[7] | 11264 | | |
| t_KeSatTbIX_Amp_u9p7[8] | 12672 | | |
| t_KeSatTbIX_Amp_u9p7[9] | 14080 | | |
| t_KeSatTbIX_Amp_u9p7[10] | 15360 | | |
| t_KeSatTbIX_Amp_u9p7[11] | 16640 | | |
| t_KeSatTbIX_Amp_u9p7[12] | 17920 | | |
| t_KeSatTbIX_Amp_u9p7[13] | 19200 | | |
| t_KeSatTbIX_Amp_u9p7[14] | 20480 | | |
| t_KeSatTbIX_Amp_u9p7[15] | 21760 | | |
| t_KeSatTbIY_Uls_u2p14[0] | 2130 | | |
| t_KeSatTbIY_Uls_u2p14[1] | 2294 | | |
| t_KeSatTbIY_Uls_u2p14[2] | 2458 | | |
| t_KeSatTbIY_Uls_u2p14[3] | 1966 | | |
| t_KeSatTbIY_Uls_u2p14[4] | 2785 | | |
| t_KeSatTbIY_Uls_u2p14[5] | 2949 | | |
| t_KeSatTbIY_Uls_u2p14[6] | 3113 | | |
| t_KeSatTbIY_Uls_u2p14[7] | 3277 | | |
| t_KeSatTbIY_Uls_u2p14[8] | 2621 | | |
| t_KeSatTbIY_Uls_u2p14[9] | 3441 | | |
| t_KeSatTbIY_Uls_u2p14[10] | 1802 | | |
| t_KeSatTbIY_Uls_u2p14[11] | 3604 | | |
| t_KeSatTbIY_Uls_u2p14[12] | 3768 | | |
| t_KeSatTbIY_Uls_u2p14[13] | 3932 | | |
| t_KeSatTbIY_Uls_u2p14[14] | 4096 | | |
| t_KeSatTbIY_Uls_u2p14[15] | 4260 | | |
| tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value | -32.0439987 | | |
| tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value | 24.2460003 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32 | tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32 | tgt_CurrParamComp_Per1_EstLd_Henry_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32 | tgt_CurrParamComp_Per1_EstLq_Henry_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32 | tgt_CurrParamComp_Per1_EstR_Ohm_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 | tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32 | tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32 | | |
| Name | Actual Value | Expected Value | Result |
| FastDataAccessBufIndex_Cnt_M_u16 | 1 | 1 | ✔ |
| MtrEstKe_VpRadpS_M_f32[0] | 0.0299999993 | 0.0299999993 | ✔ |
| MtrEstKe_VpRadpS_M_f32[1] | 0.0680000037 | 0.0680000037 | ✔ |
| tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value | 0.0680000037 | 0.0680000037 | ✔ |
| tgt_CurrParamComp_Per1_EstLd_Henry_f32.value | 0.000230000005 | 0.000230000005 ± 0.0000000009 | ✔ |
| tgt_CurrParamComp_Per1_EstLq_Henry_f32.value | 0.000159999996 | 0.000159999996 ± 0.0625 | ✔ |
| tgt_CurrParamComp_Per1_EstR_Ohm_f32.value | 0.0140000004 | 0.0140000004 | ✔ |

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

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

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CurrParamComp_Per1

| Name | Input Value |
|---|-------------|
| t2_CurrParamLqSatSciFac_Uls_u2p14[2][6] | 32768 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][0] | 3277 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][1] | 6554 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][2] | 8192 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][3] | 11469 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][4] | 14746 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][5] | 29491 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][6] | 31130 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][0] | 1638 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][1] | 3277 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][2] | 4915 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][3] | 6554 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][4] | 8192 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][5] | 9830 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][6] | 11469 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][0] | 13107 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][1] | 14746 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][2] | 16384 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][3] | 18022 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][4] | 19661 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][5] | 21299 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][6] | 22938 |
| t_CurrParamCompDaxRef_Amp_u9p7[0] | 8960 |
| t_CurrParamCompDaxRef_Amp_u9p7[1] | 10240 |

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CurrParamComp_Per1

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

| 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 2.25 (Repeat Count = 1) | | ✔ |
|---|-------------------------------|---|
| Name | Input Value | |
| EstKeFF_VpRadpS_M_f32 | 0.0250000004 | |
| EstRFF_Ohm_M_f32 | 0.0283122994 | |
| FastDataAccessBufIndex_Cnt_M_u16 | 0 | |
| MtrEstKe_VpRadpS_M_f32[0] | 0.0430000015 | |
| MtrEstKe_VpRadpS_M_f32[1] | 0.0710000023 | |
| Rte_Inst_Ap_CurrParamComp | tgt_Rte_Inst_Ap_CurrParamComp | |
| k_MaxKeRngLmt_VpRadpS_f32 | 0.0590000004 | |
| k_MaxLdRngLmt_Henry_f32 | 0.000230000005 | |
| k_MaxLqRngLmt_Henry_f32 | 0.000180000003 | |
| k_MaxRRngLmt_Ohm_f32 | 0.0160000008 | |
| k_MinKeRngLmt_VpRadpS_f32 | 0.0700000003 | |
| k_MinLdRngLmt_Henry_f32 | 0.000250000012 | |
| k_MinLqRngLmt_Henry_f32 | 0.000280000007 | |
| k_MinRRngLmt_Ohm_f32 | 0.0309999995 | |
| k_NomLd_Henry_f32 | 0.000180000003 | |
| k_NomLq_Henry_f32 | 0.000319999992 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[0][0] | 1638 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[0][1] | 3277 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[0][2] | 4915 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[0][3] | 6554 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[0][4] | 8192 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[0][5] | 9830 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[0][6] | 11469 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[1][0] | 13107 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[1][1] | 14746 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[1][2] | 16384 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[1][3] | 18022 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[1][4] | 19661 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[1][5] | 21299 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[1][6] | 22938 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[2][0] | 24576 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[2][1] | 26214 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[2][2] | 27853 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[2][3] | 29491 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[2][4] | 31130 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[2][5] | 31949 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[2][6] | 32768 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[3][0] | 3277 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[3][1] | 6554 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[3][2] | 8192 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[3][3] | 11469 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[3][4] | 14746 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[3][5] | 29491 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[3][6] | 31130 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[4][0] | 1638 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[4][1] | 3277 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[4][2] | 4915 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[4][3] | 6554 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[4][4] | 8192 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[4][5] | 9830 | |

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CurrParamComp_Per1

| Name | Input Value |
|---|-------------|
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][6] | 11469 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][0] | 13107 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][1] | 14746 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][2] | 16384 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][3] | 18022 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][4] | 19661 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][5] | 21299 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][6] | 22938 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][0] | 1638 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][1] | 3277 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][2] | 4915 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][3] | 6554 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][4] | 8192 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][5] | 9830 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][6] | 11469 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[1][0] | 13107 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[1][1] | 14746 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[1][2] | 16384 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[1][3] | 18022 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[1][4] | 19661 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[1][5] | 21299 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[1][6] | 22938 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[2][0] | 24576 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[2][1] | 26214 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[2][2] | 27853 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[2][3] | 29491 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[2][4] | 31130 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[2][5] | 31949 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[2][6] | 32768 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][0] | 3277 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][1] | 6554 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][2] | 8192 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][3] | 11469 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][4] | 14746 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][5] | 29491 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][6] | 31130 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][0] | 1638 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][1] | 3277 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][2] | 4915 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][3] | 6554 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][4] | 8192 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][5] | 9830 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][6] | 11469 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][0] | 13107 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][1] | 14746 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][2] | 16384 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][3] | 18022 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][4] | 19661 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][5] | 21299 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][6] | 22938 |
| t_CurrParamCompDaxRef_Amp_u9p7[0] | 16640 |
| t_CurrParamCompDaxRef_Amp_u9p7[1] | 17920 |
| t_CurrParamCompDaxRef_Amp_u9p7[2] | 19200 |
| t_CurrParamCompDaxRef_Amp_u9p7[3] | 20480 |
| t_CurrParamCompDaxRef_Amp_u9p7[4] | 21760 |
| t_CurrParamCompDaxRef_Amp_u9p7[5] | 23040 |
| t_CurrParamCompQaxRef_Amp_u9p7[0] | 16640 |
| t_CurrParamCompQaxRef_Amp_u9p7[1] | 17920 |
| t_CurrParamCompQaxRef_Amp_u9p7[2] | 19200 |
| t_CurrParamCompQaxRef_Amp_u9p7[3] | 20480 |
| t_CurrParamCompQaxRef_Amp_u9p7[4] | 21760 |
| t_CurrParamCompQaxRef_Amp_u9p7[5] | 23040 |
| t_CurrParamCompQaxRef_Amp_u9p7[6] | 25600 |
| t_KeSatTblX_Amp_u9p7[0] | 1280 |
| t_KeSatTblX_Amp_u9p7[1] | 2560 |
| t_KeSatTblX_Amp_u9p7[2] | 3840 |
| t_KeSatTblX_Amp_u9p7[3] | 5120 |
| t_KeSatTblX_Amp_u9p7[4] | 6400 |
| t_KeSatTblX_Amp_u9p7[5] | 7680 |
| t_KeSatTblX_Amp_u9p7[6] | 8960 |
| t_KeSatTblX_Amp_u9p7[7] | 10240 |
| t_KeSatTblX_Amp_u9p7[8] | 11520 |
| t_KeSatTblX_Amp_u9p7[9] | 12800 |

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CurrParamComp_Per1

| Name | Input Value |
|------|-------------|
| | |

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CurrParamComp_Per1

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

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CurrParamComp_Per1

| Name | Input Value | | |
|--|--|-------------------------------|--------|
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][2] | 16384 | | |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][3] | 18022 | | |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][4] | 19661 | | |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][5] | 21299 | | |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][6] | 22938 | | |
| t_CurrParamCompDaxRef_Amp_u9p7[0] | 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 | | |
| 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 | -37.4140015 | | |
| tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value | 27.0300007 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32 | tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32 | tgt_CurrParamComp_Per1_EstLd_Henry_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32 | tgt_CurrParamComp_Per1_EstLq_Henry_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32 | tgt_CurrParamComp_Per1_EstR_Ohm_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_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] | 0.0710000023 | 0.0710000023 | ✔ |
| tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value | 0.0710000023 | 0.0710000023 | ✔ |
| tgt_CurrParamComp_Per1_EstLd_Henry_f32.value | 0.000260000001 | 0.000260000001 ± 0.0000000009 | ✔ |
| tgt_CurrParamComp_Per1_EstLq_Henry_f32.value | 0.000289999996 | 0.000289999996 ± 0.0625 | ✔ |
| tgt_CurrParamComp_Per1_EstR_Ohm_f32.value | 0.0170000009 | 0.0170000009 | ✔ |

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CurrParamComp_Per1

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

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CurrParamComp_Per1

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

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

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

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CurrParamComp_Per1

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

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| 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_KeSatTbIX_Amp_u9p7[0] | 1280 | | |
| t_KeSatTbIX_Amp_u9p7[1] | 2560 | | |
| t_KeSatTbIX_Amp_u9p7[2] | 3840 | | |
| t_KeSatTbIX_Amp_u9p7[3] | 5120 | | |
| t_KeSatTbIX_Amp_u9p7[4] | 6400 | | |
| t_KeSatTbIX_Amp_u9p7[5] | 7680 | | |
| t_KeSatTbIX_Amp_u9p7[6] | 8960 | | |
| t_KeSatTbIX_Amp_u9p7[7] | 10240 | | |
| t_KeSatTbIX_Amp_u9p7[8] | 11520 | | |
| t_KeSatTbIX_Amp_u9p7[9] | 12800 | | |
| t_KeSatTbIX_Amp_u9p7[10] | 14080 | | |
| t_KeSatTbIX_Amp_u9p7[11] | 15360 | | |
| t_KeSatTbIX_Amp_u9p7[12] | 16640 | | |
| t_KeSatTbIX_Amp_u9p7[13] | 17920 | | |
| t_KeSatTbIX_Amp_u9p7[14] | 19200 | | |
| t_KeSatTbIX_Amp_u9p7[15] | 20480 | | |
| t_KeSatTbIY_Uls_u2p14[0] | 1966 | | |
| t_KeSatTbIY_Uls_u2p14[1] | 2130 | | |
| t_KeSatTbIY_Uls_u2p14[2] | 2294 | | |
| t_KeSatTbIY_Uls_u2p14[3] | 1802 | | |
| t_KeSatTbIY_Uls_u2p14[4] | 2621 | | |
| t_KeSatTbIY_Uls_u2p14[5] | 2785 | | |
| t_KeSatTbIY_Uls_u2p14[6] | 3277 | | |
| t_KeSatTbIY_Uls_u2p14[7] | 4915 | | |
| t_KeSatTbIY_Uls_u2p14[8] | 2458 | | |
| t_KeSatTbIY_Uls_u2p14[9] | 6554 | | |
| t_KeSatTbIY_Uls_u2p14[10] | 1638 | | |
| t_KeSatTbIY_Uls_u2p14[11] | 8192 | | |
| t_KeSatTbIY_Uls_u2p14[12] | 9830 | | |
| t_KeSatTbIY_Uls_u2p14[13] | 11469 | | |
| t_KeSatTbIY_Uls_u2p14[14] | 13107 | | |
| t_KeSatTbIY_Uls_u2p14[15] | 14746 | | |
| tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value | -40.9939995 | | |
| tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value | -12.3540001 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32 | tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32 | tgt_CurrParamComp_Per1_EstLd_Henry_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32 | tgt_CurrParamComp_Per1_EstLq_Henry_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32 | tgt_CurrParamComp_Per1_EstR_Ohm_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 | tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32 | tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32 | | |
| Name | Actual Value | Expected Value | Result |
| FastDataAccessBufIndex_Cnt_M_u16 | 1 | 1 | ✔ |
| MtrEstKe_VpRadpS_M_f32[0] | 0.0280000009 | 0.0280000009 | ✔ |
| MtrEstKe_VpRadpS_M_f32[1] | 0.0729999989 | 0.0729999989 | ✔ |
| tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value | 0.0729999989 | 0.0729999989 | ✔ |
| tgt_CurrParamComp_Per1_EstLd_Henry_f32.value | 0.000280000007 | 0.000280000007 ± 0.0000000009 | ✔ |
| tgt_CurrParamComp_Per1_EstLq_Henry_f32.value | 0.000310000003 | 0.000310000003 ± 0.0625 | ✔ |
| tgt_CurrParamComp_Per1_EstR_Ohm_f32.value | 0.0340000018 | 0.0340000018 | ✔ |

| 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] | 0.0299999993 |
| MtrEstKe_VpRadpS_M_f32[1] | 0.0309999995 |

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

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CurrParamComp_Per1

| Name | Input Value |
|---|-------------|
| t2_CurrParamLqSatSciFac_Uls_u2p14[2][6] | 32768 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][0] | 3277 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][1] | 6554 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][2] | 8192 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][3] | 11469 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][4] | 14746 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][5] | 29491 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][6] | 31130 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][0] | 1638 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][1] | 3277 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][2] | 4915 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][3] | 6554 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][4] | 8192 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][5] | 9830 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][6] | 11469 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][0] | 13107 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][1] | 14746 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][2] | 16384 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][3] | 18022 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][4] | 19661 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][5] | 21299 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][6] | 22938 |
| t_CurrParamCompDaxRef_Amp_u9p7[0] | 8960 |
| t_CurrParamCompDaxRef_Amp_u9p7[1] | 10240 |

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CurrParamComp_Per1

| Name | Input Value | | |
|--|--|-------------------------------|--------|
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 | tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32 | tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32 | | |
| Name | Actual Value | Expected Value | Result |
| FastDataAccessBufIndex_Cnt_M_u16 | 0 | 0 | ✔ |
| MtrEstKe_VpRadpS_M_f32[0] | 0.0260000005 | 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 | ✔ |

| 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 2.30 (Repeat Count = 1) | | | ✔ |
|---|-------------------------------|--|---|
| Name | Input Value | | |
| EstKeFF_VpRadpS_M_f32 | 0.0500000007 | | |
| EstRFF_Ohm_M_f32 | 0.006000000005 | | |
| FastDataAccessBufIndex_Cnt_M_u16 | 0 | | |
| MtrEstKe_VpRadpS_M_f32[0] | 0.0410000011 | | |
| MtrEstKe_VpRadpS_M_f32[1] | 0.0450000018 | | |
| Rte_Inst_Ap_CurrParamComp | tgt_Rte_Inst_Ap_CurrParamComp | | |
| k_MaxKeRngLmt_VpRadpS_f32 | 0.064000003 | | |
| k_MaxLdRngLmt_Henry_f32 | 0.000280000007 | | |
| k_MaxLqRngLmt_Henry_f32 | 0.000230000005 | | |
| k_MaxRRngLmt_Ohm_f32 | 0.0209999997 | | |
| k_MinKeRngLmt_VpRadpS_f32 | 0.0270000007 | | |
| k_MinLdRngLmt_Henry_f32 | 0.000300000014 | | |
| k_MinLqRngLmt_Henry_f32 | 0.000330000001 | | |
| k_MinRRngLmt_Ohm_f32 | 0.0359999985 | | |
| k_NomLd_Henry_f32 | 0.000230000005 | | |
| k_NomLq_Henry_f32 | 0.000369999994 | | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][0] | 1638 | | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][1] | 3277 | | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][2] | 4915 | | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][3] | 6554 | | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][4] | 8192 | | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][5] | 9830 | | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][6] | 11469 | | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][0] | 13107 | | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][1] | 14746 | | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][2] | 16384 | | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][3] | 18022 | | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][4] | 19661 | | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][5] | 21299 | | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][6] | 22938 | | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[2][0] | 24576 | | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[2][1] | 26214 | | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[2][2] | 27853 | | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[2][3] | 29491 | | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[2][4] | 31130 | | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[2][5] | 31949 | | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[2][6] | 32768 | | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[3][0] | 3277 | | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[3][1] | 6554 | | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[3][2] | 8192 | | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[3][3] | 11469 | | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[3][4] | 14746 | | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[3][5] | 29491 | | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[3][6] | 31130 | | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[4][0] | 1638 | | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[4][1] | 3277 | | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[4][2] | 4915 | | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[4][3] | 6554 | | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[4][4] | 8192 | | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[4][5] | 9830 | | |

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CurrParamComp_Per1

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

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CurrParamComp_Per1

| Name | Input Value |
|------|-------------|
| | |

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CurrParamComp_Per1

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

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CurrParamComp_Per1

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

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CurrParamComp_Per1

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

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| Name | Input Value |
|---|-------------|
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][3] | 6554 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][4] | 8192 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][5] | 9830 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][6] | 11469 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[1][0] | 13107 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[1][1] | 14746 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[1][2] | 16384 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[1][3] | 18022 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[1][4] | 19661 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[1][5] | 21299 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[1][6] | 22938 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[2][0] | 24576 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[2][1] | 26214 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[2][2] | 27853 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[2][3] | 29491 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[2][4] | 31130 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[2][5] | 31949 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[2][6] | 32768 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][0] | 3277 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][1] | 6554 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][2] | 8192 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][3] | 11469 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][4] | 14746 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][5] | 29491 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][6] | 31130 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][0] | 1638 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][1] | 3277 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][2] | 4915 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][3] | 6554 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][4] | 8192 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][5] | 9830 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][6] | 11469 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][0] | 13107 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][1] | 14746 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][2] | 16384 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][3] | 18022 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][4] | 19661 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][5] | 21299 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][6] | 22938 |
| t_CurrParamCompDaxRef_Amp_u9p7[0] | 1280 |
| t_CurrParamCompDaxRef_Amp_u9p7[1] | 2560 |
| t_CurrParamCompDaxRef_Amp_u9p7[2] | 3840 |
| t_CurrParamCompDaxRef_Amp_u9p7[3] | 5120 |
| t_CurrParamCompDaxRef_Amp_u9p7[4] | 6400 |
| t_CurrParamCompDaxRef_Amp_u9p7[5] | 7680 |
| t_CurrParamCompQaxRef_Amp_u9p7[0] | 1408 |
| t_CurrParamCompQaxRef_Amp_u9p7[1] | 2816 |
| t_CurrParamCompQaxRef_Amp_u9p7[2] | 4224 |
| t_CurrParamCompQaxRef_Amp_u9p7[3] | 5632 |
| t_CurrParamCompQaxRef_Amp_u9p7[4] | 7040 |
| t_CurrParamCompQaxRef_Amp_u9p7[5] | 8448 |
| t_CurrParamCompQaxRef_Amp_u9p7[6] | 9856 |
| t_KeSatTbIX_Amp_u9p7[0] | 1408 |
| t_KeSatTbIX_Amp_u9p7[1] | 2816 |
| t_KeSatTbIX_Amp_u9p7[2] | 4224 |
| t_KeSatTbIX_Amp_u9p7[3] | 5632 |
| t_KeSatTbIX_Amp_u9p7[4] | 7040 |
| t_KeSatTbIX_Amp_u9p7[5] | 8448 |
| t_KeSatTbIX_Amp_u9p7[6] | 9856 |
| t_KeSatTbIX_Amp_u9p7[7] | 11264 |
| t_KeSatTbIX_Amp_u9p7[8] | 12672 |
| t_KeSatTbIX_Amp_u9p7[9] | 14080 |
| t_KeSatTbIX_Amp_u9p7[10] | 15360 |
| t_KeSatTbIX_Amp_u9p7[11] | 16640 |
| t_KeSatTbIX_Amp_u9p7[12] | 17920 |
| t_KeSatTbIX_Amp_u9p7[13] | 19200 |
| t_KeSatTbIX_Amp_u9p7[14] | 20480 |
| t_KeSatTbIX_Amp_u9p7[15] | 21760 |
| t_KeSatTbIY_Uls_u2p14[0] | 4915 |
| t_KeSatTbIY_Uls_u2p14[1] | 6554 |
| t_KeSatTbIY_Uls_u2p14[2] | 8192 |
| t_KeSatTbIY_Uls_u2p14[3] | 3277 |
| t_KeSatTbIY_Uls_u2p14[4] | 11469 |

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| Name | Input Value | | |
|--|--|------------------------------|--------|
| t_KeSatTbIY_Uls_u2p14[5] | 13107 | | |
| t_KeSatTbIY_Uls_u2p14[6] | 13271 | | |
| t_KeSatTbIY_Uls_u2p14[7] | 13984 | | |
| t_KeSatTbIY_Uls_u2p14[8] | 9830 | | |
| t_KeSatTbIY_Uls_u2p14[9] | 14336 | | |
| t_KeSatTbIY_Uls_u2p14[10] | 1638 | | |
| t_KeSatTbIY_Uls_u2p14[11] | 14549 | | |
| t_KeSatTbIY_Uls_u2p14[12] | 14623 | | |
| t_KeSatTbIY_Uls_u2p14[13] | 14909 | | |
| t_KeSatTbIY_Uls_u2p14[14] | 14982 | | |
| t_KeSatTbIY_Uls_u2p14[15] | 16356 | | |
| tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value | -48.1539993 | | |
| tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value | -19.5139999 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32 | tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32 | tgt_CurrParamComp_Per1_EstLd_Henry_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32 | tgt_CurrParamComp_Per1_EstLq_Henry_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32 | tgt_CurrParamComp_Per1_EstR_Ohm_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 | tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32 | tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32 | | |
| Name | Actual Value | Expected Value | Result |
| FastDataAccessBufIndex_Cnt_M_u16 | 1 | 1 | ✔ |
| MtrEstKe_VpRadpS_M_f32[0] | 0.0649999976 | 0.0649999976 | ✔ |
| MtrEstKe_VpRadpS_M_f32[1] | 0.0289999992 | 0.0289999992 | ✔ |
| tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value | 0.0289999992 | 0.0289999992 | ✔ |
| tgt_CurrParamComp_Per1_EstLd_Henry_f32.value | 0.00031999992 | 0.00031999992 ± 0.0000000009 | ✔ |
| 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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CurrParamComp_Per1

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

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CurrParamComp_Per1

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

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

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

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CurrParamComp_Per1

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

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CurrParamComp_Per1

| Name | Input Value | | |
|--|--|-------------------------------|--------|
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 | tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32 | tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32 | | |
| Name | Actual Value | Expected Value | Result |
| FastDataAccessBufIndex_Cnt_M_u16 | 1 | 1 | ✔ |
| MtrEstKe_VpRadpS_M_f32[0] | 0.0280000009 | 0.0280000009 | ✔ |
| MtrEstKe_VpRadpS_M_f32[1] | 0.0309999995 | 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) | | | | | ✓ |
|---|-------------------------------|--|--|--|---|
| Name | Input Value | | | | |
| EstKeFF_VpRadpS_M_f32 | 0.0549999997 | | | | |
| EstRFF_Ohm_M_f32 | 0.0476866998 | | | | |
| FastDataAccessBufIndex_Cnt_M_u16 | 1 | | | | |
| MtrEstKe_VpRadpS_M_f32[0] | 0.0299999993 | | | | |
| MtrEstKe_VpRadpS_M_f32[1] | 0.0309999995 | | | | |
| Rte_Inst_Ap_CurrParamComp | tgt_Rte_Inst_Ap_CurrParamComp | | | | |
| k_MaxKeRngLmt_VpRadpS_f32 | 0.0689999983 | | | | |
| k_MaxLdRngLmt_Henry_f32 | 0.000330000001 | | | | |
| k_MaxLqRngLmt_Henry_f32 | 0.000310000003 | | | | |
| k_MaxRRngLmt_Ohm_f32 | 0.0260000005 | | | | |
| k_MinKeRngLmt_VpRadpS_f32 | 0.0320000015 | | | | |
| k_MinLdRngLmt_Henry_f32 | 0.000230000005 | | | | |
| k_MinLqRngLmt_Henry_f32 | 0.000260000001 | | | | |
| k_MinRRngLmt_Ohm_f32 | 0.0410000011 | | | | |
| k_NomLd_Henry_f32 | 0.000410000008 | | | | |
| k_NomLq_Henry_f32 | 4.99999987e-005 | | | | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][0] | 1638 | | | | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][1] | 3277 | | | | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][2] | 4915 | | | | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][3] | 6554 | | | | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][4] | 8192 | | | | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][5] | 9830 | | | | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][6] | 11469 | | | | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][0] | 13107 | | | | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][1] | 14746 | | | | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][2] | 16384 | | | | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][3] | 18022 | | | | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][4] | 19661 | | | | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][5] | 21299 | | | | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][6] | 22938 | | | | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][0] | 24576 | | | | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][1] | 26214 | | | | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][2] | 27853 | | | | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][3] | 29491 | | | | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][4] | 31130 | | | | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][5] | 31949 | | | | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][6] | 32768 | | | | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][0] | 3277 | | | | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][1] | 6554 | | | | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][2] | 8192 | | | | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][3] | 11469 | | | | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][4] | 14746 | | | | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][5] | 29491 | | | | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][6] | 31130 | | | | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][0] | 1638 | | | | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][1] | 3277 | | | | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][2] | 4915 | | | | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][3] | 6554 | | | | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][4] | 8192 | | | | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][5] | 9830 | | | | |

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CurrParamComp_Per1

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

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CurrParamComp_Per1

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

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

| 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 2.36 (Repeat Count = 1)

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

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CurrParamComp_Per1

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

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CurrParamComp_Per1

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

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CurrParamComp_Per1

| 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 2.37 (Repeat Count = 1) | | ✓ |
|---|-------------------------------|---|
| Name | Input Value | |
| EstKeFF_VpRadpS_M_f32 | 0.057 | |
| EstRFF_Ohm_M_f32 | 0.0557856001 | |
| FastDataAccessBufIndex_Cnt_M_u16 | 1 | |
| MtrEstKe_VpRadpS_M_f32[0] | 0.0430000015 | |
| MtrEstKe_VpRadpS_M_f32[1] | 0.0710000023 | |
| Rte_Inst_Ap_CurrParamComp | tgt_Rte_Inst_Ap_CurrParamComp | |
| k_MaxKeRngLmt_VpRadpS_f32 | 0.0710000023 | |
| k_MaxLdRngLmt_Henry_f32 | 0.000349999988 | |
| k_MaxLqRngLmt_Henry_f32 | 0.00033000001 | |
| k_MaxRRngLmt_Ohm_f32 | 0.0280000009 | |
| k_MinKeRngLmt_VpRadpS_f32 | 0.0250000004 | |
| k_MinLdRngLmt_Henry_f32 | 0.000250000012 | |
| k_MinLqRngLmt_Henry_f32 | 0.000280000007 | |
| k_MinRRngLmt_Ohm_f32 | 0.0430000015 | |
| k_NomLd_Henry_f32 | 0.000220000002 | |
| k_NomLq_Henry_f32 | 7.00000019e-005 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][0] | 1638 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][1] | 3277 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][2] | 4915 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][3] | 6554 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][4] | 8192 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][5] | 9830 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][6] | 11469 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][0] | 13107 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][1] | 14746 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][2] | 16384 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][3] | 18022 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][4] | 19661 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][5] | 21299 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][6] | 22938 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][0] | 24576 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][1] | 26214 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][2] | 27853 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][3] | 29491 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][4] | 31130 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][5] | 31949 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][6] | 32768 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][0] | 3277 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][1] | 6554 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][2] | 8192 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][3] | 11469 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][4] | 14746 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][5] | 29491 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][6] | 31130 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][0] | 1638 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][1] | 3277 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][2] | 4915 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][3] | 6554 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][4] | 8192 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][5] | 9830 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][6] | 11469 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][0] | 13107 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][1] | 14746 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][2] | 16384 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][3] | 18022 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][4] | 19661 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][5] | 21299 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][6] | 22938 | |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][0] | 1638 | |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][1] | 3277 | |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][2] | 4915 | |

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CurrParamComp_Per1

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

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

| 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 | 7.9999998e-005 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][0] | 1638 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][1] | 3277 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][2] | 4915 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][3] | 6554 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][4] | 8192 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][5] | 9830 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][6] | 11469 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][0] | 13107 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][1] | 14746 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][2] | 16384 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][3] | 18022 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][4] | 19661 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][5] | 21299 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][6] | 22938 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[2][0] | 24576 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[2][1] | 26214 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[2][2] | 27853 |

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

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

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

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

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CurrParamComp_Per1

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

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CurrParamComp_Per1

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

| 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 2.40 (Repeat Count = 1) | |
|---|-------------------------------|
| Name | Input Value |
| EstKeFF_VpRadpS_M_f32 | 0.05999999987 |
| EstRFF_Ohm_M_f32 | 0.0675230026 |
| FastDataAccessBufIndex_Cnt_M_u16 | 0 |
| MtrEstKe_VpRadpS_M_f32[0] | 0.0280000009 |
| MtrEstKe_VpRadpS_M_f32[1] | 0.0289999992 |
| Rte_Inst_Ap_CurrParamComp | tgt_Rte_Inst_Ap_CurrParamComp |
| k_MaxKeRngLmt_VpRadpS_f32 | 0.0250000004 |
| k_MaxLdRngLmt_Henry_f32 | 0.000380000012 |
| k_MaxLqRngLmt_Henry_f32 | 0.000239999994 |
| k_MaxRRngLmt_Ohm_f32 | 0.0309999995 |
| k_MinKeRngLmt_VpRadpS_f32 | 0.0260000005 |
| k_MinLdRngLmt_Henry_f32 | 0.000280000007 |
| k_MinLqRngLmt_Henry_f32 | 0.000310000003 |
| k_MinRRngLmt_Ohm_f32 | 0.0460000001 |
| k_NomLd_Henry_f32 | 0.000250000012 |
| k_NomLq_Henry_f32 | 9.99999975e-005 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][0] | 1638 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][1] | 3277 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][2] | 4915 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][3] | 6554 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][4] | 8192 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][5] | 9830 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][6] | 11469 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][0] | 13107 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][1] | 14746 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][2] | 16384 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][3] | 18022 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][4] | 19661 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][5] | 21299 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][6] | 22938 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][0] | 24576 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][1] | 26214 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][2] | 27853 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][3] | 29491 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][4] | 31130 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][5] | 31949 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][6] | 32768 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][0] | 3277 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][1] | 6554 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][2] | 8192 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][3] | 11469 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][4] | 14746 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][5] | 29491 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][6] | 31130 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][0] | 1638 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][1] | 3277 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][2] | 4915 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][3] | 6554 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][4] | 8192 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][5] | 9830 |

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CurrParamComp_Per1

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

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

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

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

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

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| Name | Input Value | | |
|--|--|-------------------------------|--------|
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][2] | 16384 | | |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][3] | 18022 | | |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][4] | 19661 | | |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][5] | 21299 | | |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][6] | 22938 | | |
| t_CurrParamCompDaxRef_Amp_u9p7[0] | 16640 | | |
| t_CurrParamCompDaxRef_Amp_u9p7[1] | 17920 | | |
| t_CurrParamCompDaxRef_Amp_u9p7[2] | 19200 | | |
| t_CurrParamCompDaxRef_Amp_u9p7[3] | 20480 | | |
| t_CurrParamCompDaxRef_Amp_u9p7[4] | 21760 | | |
| t_CurrParamCompDaxRef_Amp_u9p7[5] | 23040 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[0] | 16640 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[1] | 17920 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[2] | 19200 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[3] | 20480 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[4] | 21760 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[5] | 23040 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[6] | 25600 | | |
| t_KeSatTbIX_Amp_u9p7[0] | 1408 | | |
| t_KeSatTbIX_Amp_u9p7[1] | 2816 | | |
| t_KeSatTbIX_Amp_u9p7[2] | 4224 | | |
| t_KeSatTbIX_Amp_u9p7[3] | 5632 | | |
| t_KeSatTbIX_Amp_u9p7[4] | 7040 | | |
| t_KeSatTbIX_Amp_u9p7[5] | 8448 | | |
| t_KeSatTbIX_Amp_u9p7[6] | 9856 | | |
| t_KeSatTbIX_Amp_u9p7[7] | 11264 | | |
| t_KeSatTbIX_Amp_u9p7[8] | 12672 | | |
| t_KeSatTbIX_Amp_u9p7[9] | 14080 | | |
| t_KeSatTbIX_Amp_u9p7[10] | 15360 | | |
| t_KeSatTbIX_Amp_u9p7[11] | 16640 | | |
| t_KeSatTbIX_Amp_u9p7[12] | 17920 | | |
| t_KeSatTbIX_Amp_u9p7[13] | 19200 | | |
| t_KeSatTbIX_Amp_u9p7[14] | 20480 | | |
| t_KeSatTbIX_Amp_u9p7[15] | 21760 | | |
| t_KeSatTbIY_Uls_u2p14[0] | 1966 | | |
| t_KeSatTbIY_Uls_u2p14[1] | 2130 | | |
| t_KeSatTbIY_Uls_u2p14[2] | 2294 | | |
| t_KeSatTbIY_Uls_u2p14[3] | 1802 | | |
| t_KeSatTbIY_Uls_u2p14[4] | 2621 | | |
| t_KeSatTbIY_Uls_u2p14[5] | 2785 | | |
| t_KeSatTbIY_Uls_u2p14[6] | 3277 | | |
| t_KeSatTbIY_Uls_u2p14[7] | 4915 | | |
| t_KeSatTbIY_Uls_u2p14[8] | 2458 | | |
| t_KeSatTbIY_Uls_u2p14[9] | 6554 | | |
| t_KeSatTbIY_Uls_u2p14[10] | 1638 | | |
| t_KeSatTbIY_Uls_u2p14[11] | 8192 | | |
| t_KeSatTbIY_Uls_u2p14[12] | 9830 | | |
| t_KeSatTbIY_Uls_u2p14[13] | 11469 | | |
| t_KeSatTbIY_Uls_u2p14[14] | 13107 | | |
| t_KeSatTbIY_Uls_u2p14[15] | 14746 | | |
| tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value | 179.141998 | | |
| tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value | -35.6240005 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32 | tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32 | tgt_CurrParamComp_Per1_EstLd_Henry_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32 | tgt_CurrParamComp_Per1_EstLq_Henry_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32 | tgt_CurrParamComp_Per1_EstR_Ohm_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_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] | 0.0270000007 | 0.0270000007 | ✓ |
| MtrEstKe_VpRadpS_M_f32[1] | 0.0309999995 | 0.0309999995 | ✓ |
| tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value | 0.0270000007 | 0.0270000007 | ✓ |
| tgt_CurrParamComp_Per1_EstLd_Henry_f32.value | 0.000289999996 | 0.000289999996 ± 0.0000000009 | ✓ |
| tgt_CurrParamComp_Per1_EstLq_Henry_f32.value | 0.000319999992 | 0.000319999992 ± 0.0625 | ✓ |
| tgt_CurrParamComp_Per1_EstR_Ohm_f32.value | 0.0320000015 | 0.0320000015 | ✓ |

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

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CurrParamComp_Per1

| Name | Input Value |
|---|-------------|
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][3] | 6554 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][4] | 8192 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][5] | 9830 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][6] | 11469 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[1][0] | 13107 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[1][1] | 14746 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[1][2] | 16384 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[1][3] | 18022 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[1][4] | 19661 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[1][5] | 21299 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[1][6] | 22938 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[2][0] | 24576 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[2][1] | 26214 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[2][2] | 27853 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[2][3] | 29491 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[2][4] | 31130 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[2][5] | 31949 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[2][6] | 32768 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][0] | 3277 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][1] | 6554 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][2] | 8192 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][3] | 11469 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][4] | 14746 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][5] | 29491 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[3][6] | 31130 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][0] | 1638 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][1] | 3277 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][2] | 4915 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][3] | 6554 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][4] | 8192 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][5] | 9830 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[4][6] | 11469 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][0] | 13107 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][1] | 14746 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][2] | 16384 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][3] | 18022 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][4] | 19661 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][5] | 21299 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][6] | 22938 |
| t_CurrParamCompDaxRef_Amp_u9p7[0] | 24320 |
| t_CurrParamCompDaxRef_Amp_u9p7[1] | 25600 |
| t_CurrParamCompDaxRef_Amp_u9p7[2] | 26880 |
| t_CurrParamCompDaxRef_Amp_u9p7[3] | 27008 |
| t_CurrParamCompDaxRef_Amp_u9p7[4] | 27136 |
| t_CurrParamCompDaxRef_Amp_u9p7[5] | 16000 |
| t_CurrParamCompQaxRef_Amp_u9p7[0] | 24320 |
| t_CurrParamCompQaxRef_Amp_u9p7[1] | 25600 |
| t_CurrParamCompQaxRef_Amp_u9p7[2] | 26880 |
| t_CurrParamCompQaxRef_Amp_u9p7[3] | 27008 |
| t_CurrParamCompQaxRef_Amp_u9p7[4] | 27136 |
| t_CurrParamCompQaxRef_Amp_u9p7[5] | 16000 |
| t_CurrParamCompQaxRef_Amp_u9p7[6] | 17280 |
| t_KeSatTbIX_Amp_u9p7[0] | 640 |
| t_KeSatTbIX_Amp_u9p7[1] | 1920 |
| t_KeSatTbIX_Amp_u9p7[2] | 3200 |
| t_KeSatTbIX_Amp_u9p7[3] | 4480 |
| t_KeSatTbIX_Amp_u9p7[4] | 5760 |
| t_KeSatTbIX_Amp_u9p7[5] | 7040 |
| t_KeSatTbIX_Amp_u9p7[6] | 8320 |
| t_KeSatTbIX_Amp_u9p7[7] | 9600 |
| t_KeSatTbIX_Amp_u9p7[8] | 10880 |
| t_KeSatTbIX_Amp_u9p7[9] | 12160 |
| t_KeSatTbIX_Amp_u9p7[10] | 13440 |
| t_KeSatTbIX_Amp_u9p7[11] | 14720 |
| t_KeSatTbIX_Amp_u9p7[12] | 16000 |
| t_KeSatTbIX_Amp_u9p7[13] | 17280 |
| t_KeSatTbIX_Amp_u9p7[14] | 18560 |
| t_KeSatTbIX_Amp_u9p7[15] | 19840 |
| t_KeSatTbIY_Uls_u2p14[0] | 2130 |
| t_KeSatTbIY_Uls_u2p14[1] | 2294 |
| t_KeSatTbIY_Uls_u2p14[2] | 2458 |
| t_KeSatTbIY_Uls_u2p14[3] | 1966 |
| t_KeSatTbIY_Uls_u2p14[4] | 2785 |

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CurrParamComp_Per1

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

| 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 | 0.00015000007 |
| 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_CurrParamLdSatScIFac_Uls_u2p14[0][0] | 1638 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][1] | 3277 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][2] | 4915 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][3] | 6554 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][4] | 8192 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][5] | 9830 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][6] | 11469 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][0] | 13107 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][1] | 14746 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][2] | 16384 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][3] | 18022 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][4] | 19661 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][5] | 21299 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][6] | 22938 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[2][0] | 24576 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[2][1] | 26214 |
| t2_CurrParamLdSatScIFac_Uls_u2p14[2][2] | 27853 |

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CurrParamComp_Per1

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

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CurrParamComp_Per1

| Name | Input Value | | |
|--|--|-------------------------------|--------|
| t_CurrParamCompQaxRef_Amp_u9p7[0] | 1280 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[1] | 2560 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[2] | 3840 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[3] | 5120 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[4] | 6400 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[5] | 7680 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[6] | 8960 | | |
| t_KeSatTblX_Amp_u9p7[0] | 1280 | | |
| t_KeSatTblX_Amp_u9p7[1] | 2560 | | |
| t_KeSatTblX_Amp_u9p7[2] | 3840 | | |
| t_KeSatTblX_Amp_u9p7[3] | 5120 | | |
| t_KeSatTblX_Amp_u9p7[4] | 6400 | | |
| t_KeSatTblX_Amp_u9p7[5] | 7680 | | |
| t_KeSatTblX_Amp_u9p7[6] | 8960 | | |
| t_KeSatTblX_Amp_u9p7[7] | 10240 | | |
| t_KeSatTblX_Amp_u9p7[8] | 11520 | | |
| t_KeSatTblX_Amp_u9p7[9] | 12800 | | |
| t_KeSatTblX_Amp_u9p7[10] | 14080 | | |
| t_KeSatTblX_Amp_u9p7[11] | 15360 | | |
| t_KeSatTblX_Amp_u9p7[12] | 16640 | | |
| t_KeSatTblX_Amp_u9p7[13] | 17920 | | |
| t_KeSatTblX_Amp_u9p7[14] | 19200 | | |
| t_KeSatTblX_Amp_u9p7[15] | 20480 | | |
| t_KeSatTblY_Uls_u2p14[0] | 1966 | | |
| t_KeSatTblY_Uls_u2p14[1] | 2130 | | |
| t_KeSatTblY_Uls_u2p14[2] | 6554 | | |
| t_KeSatTblY_Uls_u2p14[3] | 1802 | | |
| t_KeSatTblY_Uls_u2p14[4] | 2621 | | |
| t_KeSatTblY_Uls_u2p14[5] | 2785 | | |
| t_KeSatTblY_Uls_u2p14[6] | 4096 | | |
| t_KeSatTblY_Uls_u2p14[7] | 5734 | | |
| t_KeSatTblY_Uls_u2p14[8] | 2458 | | |
| t_KeSatTblY_Uls_u2p14[9] | 7373 | | |
| t_KeSatTblY_Uls_u2p14[10] | 8192 | | |
| t_KeSatTblY_Uls_u2p14[11] | 9011 | | |
| t_KeSatTblY_Uls_u2p14[12] | 10650 | | |
| t_KeSatTblY_Uls_u2p14[13] | 12288 | | |
| t_KeSatTblY_Uls_u2p14[14] | 13926 | | |
| t_KeSatTblY_Uls_u2p14[15] | 15565 | | |
| tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value | 113.322998 | | |
| tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value | -39.2039986 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32 | tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32 | tgt_CurrParamComp_Per1_EstLd_Henry_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32 | tgt_CurrParamComp_Per1_EstLq_Henry_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32 | tgt_CurrParamComp_Per1_EstR_Ohm_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_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] | 0.0289999992 | 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 | | | | |
|---|-------|---|-------|--------|
| 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 | 0.0640000003 |
| EstRFF_Ohm_M_f32 | 0.0835645571 |
| FastDataAccessBufIndex_Cnt_M_u16 | 0 |
| MtrEstKe_VpRadpS_M_f32[0] | 0.0649999976 |
| MtrEstKe_VpRadpS_M_f32[1] | 0.0689999983 |

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CurrParamComp_Per1

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

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

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

| 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 2.45 (Repeat Count = 1) | | | |
|---|-------------------------------|--|--|
| Name | Input Value | | |
| EstKeFF_VpRadpS_M_f32 | 0.0649999976 | | |
| EstRFF_Ohm_M_f32 | 0.0877500027 | | |
| FastDataAccessBufIndex_Cnt_M_u16 | 1 | | |
| MtrEstKe_VpRadpS_M_f32[0] | 0.0260000005 | | |
| MtrEstKe_VpRadpS_M_f32[1] | 0.0270000007 | | |
| Rte_Inst_Ap_CurrParamComp | tgt_Rte_Inst_Ap_CurrParamComp | | |
| k_MaxKeRngLmt_VpRadpS_f32 | 0.0280000009 | | |
| k_MaxLdRngLmt_Henry_f32 | 0.000169999999 | | |
| k_MaxLqRngLmt_Henry_f32 | 0.000289999996 | | |
| k_MaxRRngLmt_Ohm_f32 | 0.0359999985 | | |
| k_MinKeRngLmt_VpRadpS_f32 | 0.0309999995 | | |
| k_MinLdRngLmt_Henry_f32 | 0.000330000001 | | |
| k_MinLqRngLmt_Henry_f32 | 0.000360000005 | | |
| k_MinRRngLmt_Ohm_f32 | 0.00999999978 | | |
| k_NomLd_Henry_f32 | 0.000300000014 | | |
| k_NomLq_Henry_f32 | 0.000150000007 | | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[0][0] | 1638 | | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[0][1] | 3277 | | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[0][2] | 4915 | | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[0][3] | 6554 | | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[0][4] | 8192 | | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[0][5] | 9830 | | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[0][6] | 11469 | | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[1][0] | 13107 | | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[1][1] | 14746 | | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[1][2] | 16384 | | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[1][3] | 18022 | | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[1][4] | 19661 | | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[1][5] | 21299 | | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[1][6] | 22938 | | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[2][0] | 24576 | | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[2][1] | 26214 | | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[2][2] | 27853 | | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[2][3] | 29491 | | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[2][4] | 31130 | | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[2][5] | 31949 | | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[2][6] | 32768 | | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[3][0] | 3277 | | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[3][1] | 6554 | | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[3][2] | 8192 | | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[3][3] | 11469 | | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[3][4] | 14746 | | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[3][5] | 29491 | | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[3][6] | 31130 | | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[4][0] | 1638 | | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[4][1] | 3277 | | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[4][2] | 4915 | | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[4][3] | 6554 | | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[4][4] | 8192 | | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[4][5] | 9830 | | |

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CurrParamComp_Per1

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

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CurrParamComp_Per1

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

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

| 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 2.46 (Repeat Count = 1)

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

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CurrParamComp_Per1

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

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| Name | Input Value | | |
|--|--|------------------------------|--------|
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][2] | 16384 | | |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][3] | 18022 | | |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][4] | 19661 | | |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][5] | 21299 | | |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][6] | 22938 | | |
| t_CurrParamCompDaxRef_Amp_u9p7[0] | 16640 | | |
| t_CurrParamCompDaxRef_Amp_u9p7[1] | 17920 | | |
| t_CurrParamCompDaxRef_Amp_u9p7[2] | 19200 | | |
| t_CurrParamCompDaxRef_Amp_u9p7[3] | 20480 | | |
| t_CurrParamCompDaxRef_Amp_u9p7[4] | 21760 | | |
| t_CurrParamCompDaxRef_Amp_u9p7[5] | 23040 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[0] | 24320 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[1] | 25600 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[2] | 26880 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[3] | 27008 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[4] | 27136 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[5] | 16000 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[6] | 17280 | | |
| t_KeSatTblX_Amp_u9p7[0] | 1280 | | |
| t_KeSatTblX_Amp_u9p7[1] | 2560 | | |
| t_KeSatTblX_Amp_u9p7[2] | 3840 | | |
| t_KeSatTblX_Amp_u9p7[3] | 5120 | | |
| t_KeSatTblX_Amp_u9p7[4] | 6400 | | |
| t_KeSatTblX_Amp_u9p7[5] | 7680 | | |
| t_KeSatTblX_Amp_u9p7[6] | 8960 | | |
| t_KeSatTblX_Amp_u9p7[7] | 10240 | | |
| t_KeSatTblX_Amp_u9p7[8] | 11520 | | |
| t_KeSatTblX_Amp_u9p7[9] | 12800 | | |
| t_KeSatTblX_Amp_u9p7[10] | 14080 | | |
| t_KeSatTblX_Amp_u9p7[11] | 15360 | | |
| t_KeSatTblX_Amp_u9p7[12] | 16640 | | |
| t_KeSatTblX_Amp_u9p7[13] | 17920 | | |
| t_KeSatTblX_Amp_u9p7[14] | 19200 | | |
| t_KeSatTblX_Amp_u9p7[15] | 20480 | | |
| t_KeSatTblY_Uls_u2p14[0] | 2130 | | |
| t_KeSatTblY_Uls_u2p14[1] | 2294 | | |
| t_KeSatTblY_Uls_u2p14[2] | 2458 | | |
| t_KeSatTblY_Uls_u2p14[3] | 1966 | | |
| t_KeSatTblY_Uls_u2p14[4] | 2785 | | |
| t_KeSatTblY_Uls_u2p14[5] | 2949 | | |
| t_KeSatTblY_Uls_u2p14[6] | 3113 | | |
| t_KeSatTblY_Uls_u2p14[7] | 3277 | | |
| t_KeSatTblY_Uls_u2p14[8] | 2621 | | |
| t_KeSatTblY_Uls_u2p14[9] | 3441 | | |
| t_KeSatTblY_Uls_u2p14[10] | 1802 | | |
| t_KeSatTblY_Uls_u2p14[11] | 3604 | | |
| t_KeSatTblY_Uls_u2p14[12] | 3768 | | |
| t_KeSatTblY_Uls_u2p14[13] | 3932 | | |
| t_KeSatTblY_Uls_u2p14[14] | 4096 | | |
| t_KeSatTblY_Uls_u2p14[15] | 4260 | | |
| tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value | 16.368 | | |
| tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value | -44.5740013 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32 | tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32 | tgt_CurrParamComp_Per1_EstLd_Henry_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32 | tgt_CurrParamComp_Per1_EstLq_Henry_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32 | tgt_CurrParamComp_Per1_EstR_Ohm_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3: | tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3: | tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32 | | |
| Name | Actual Value | Expected Value | Result |
| FastDataAccessBufIndex_Cnt_M_u16 | 1 | 1 | ✔ |
| MtrEstKe_VpRadpS_M_f32[0] | 0.0280000009 | 0.0280000009 | ✔ |
| MtrEstKe_VpRadpS_M_f32[1] | 0.0320000015 | 0.0320000015 | ✔ |
| tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value | 0.0320000015 | 0.0320000015 | ✔ |
| tgt_CurrParamComp_Per1_EstLd_Henry_f32.value | 0.000339999999 | 0.000339999999 ± 0.000000009 | ✔ |
| tgt_CurrParamComp_Per1_EstLq_Henry_f32.value | 0.000369999994 | 0.000369999994 ± 0.0625 | ✔ |
| tgt_CurrParamComp_Per1_EstR_Ohm_f32.value | 0.00499999989 | 0.00499999989 | ✔ |

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| 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 2.47 (Repeat Count = 1) | |
|---|-------------------------------|
| Name | Input Value |
| EstKeFF_VpRadpS_M_f32 | 0.0670000017 |
| EstRFF_Ohm_M_f32 | 0.0956560001 |
| FastDataAccessBufIndex_Cnt_M_u16 | 1 |
| MtrEstKe_VpRadpS_M_f32[0] | 0.0299999993 |
| MtrEstKe_VpRadpS_M_f32[1] | 0.0309999995 |
| Rte_Inst_Ap_CurrParamComp | tgt_Rte_Inst_Ap_CurrParamComp |
| k_MaxKeRngLmt_VpRadpS_f32 | 0.0299999993 |
| k_MaxLdRngLmt_Henry_f32 | 0.000190000006 |
| k_MaxLqRngLmt_Henry_f32 | 0.000310000003 |
| k_MaxRRngLmt_Ohm_f32 | 0.125650004 |
| k_MinKeRngLmt_VpRadpS_f32 | 0.0329999998 |
| k_MinLdRngLmt_Henry_f32 | 0.000349999988 |
| k_MinLqRngLmt_Henry_f32 | 0.000380000012 |
| k_MinRRngLmt_Ohm_f32 | 0.0350000001 |
| k_NomLd_Henry_f32 | 0.000319999992 |
| k_NomLq_Henry_f32 | 0.000169999999 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][0] | 1638 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][1] | 3277 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][2] | 4915 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][3] | 6554 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][4] | 8192 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][5] | 9830 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][6] | 11469 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][0] | 13107 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][1] | 14746 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][2] | 16384 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][3] | 18022 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][4] | 19661 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][5] | 21299 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][6] | 22938 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][0] | 24576 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][1] | 26214 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][2] | 27853 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][3] | 29491 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][4] | 31130 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][5] | 31949 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][6] | 32768 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][0] | 3277 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][1] | 6554 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][2] | 8192 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][3] | 11469 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][4] | 14746 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][5] | 29491 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][6] | 31130 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][0] | 1638 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][1] | 3277 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][2] | 4915 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][3] | 6554 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][4] | 8192 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][5] | 9830 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][6] | 11469 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][0] | 13107 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][1] | 14746 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][2] | 16384 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][3] | 18022 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][4] | 19661 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][5] | 21299 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][6] | 22938 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][0] | 1638 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][1] | 3277 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][2] | 4915 |

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

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

| 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 | 0.0309999995 |
| k_MaxLdRngLmt_Henry_f32 | 0.00019999995 |
| k_MaxLqRngLmt_Henry_f32 | 0.00031999992 |
| k_MaxRRngLmt_Ohm_f32 | 0.00600000005 |
| k_MinKeRngLmt_VpRadpS_f32 | 0.0340000018 |
| k_MinLdRngLmt_Henry_f32 | 0.000360000005 |
| k_MinLqRngLmt_Henry_f32 | 0.000390000001 |
| k_MinRRngLmt_Ohm_f32 | 0.0390000008 |
| k_NomLd_Henry_f32 | 0.00033000001 |
| k_NomLq_Henry_f32 | 0.000180000003 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[0][0] | 1638 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[0][1] | 3277 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[0][2] | 4915 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[0][3] | 6554 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[0][4] | 8192 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[0][5] | 9830 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[0][6] | 11469 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[1][0] | 13107 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[1][1] | 14746 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[1][2] | 16384 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[1][3] | 18022 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[1][4] | 19661 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[1][5] | 21299 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[1][6] | 22938 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[2][0] | 24576 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[2][1] | 26214 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[2][2] | 27853 |

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CurrParamComp_Per1

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

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CurrParamComp_Per1

| Name | Input Value | | |
|--|--|-------------------------------|--------|
| t_CurrParamCompQaxRef_Amp_u9p7[0] | 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_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] | 0.0340000018 | 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 |

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

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

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CurrParamComp_Per1

| Name | Input Value | | |
|--|--|-------------------------------|--------|
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 | tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32 | tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32 | | |
| Name | Actual Value | Expected Value | Result |
| FastDataAccessBufIndex_Cnt_M_u16 | 1 | 1 | ✔ |
| MtrEstKe_VpRadpS_M_f32[0] | 0.0430000015 | 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 | | | | | ✓ |
|---|-------|---|-------|--------|---|
| Actual Function | Count | Expected Function | Count | Result | |
| Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached | 1 | Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached | 1 | ✓ | |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1 | IntplVarXY_u16_u16Xu16Y_Cnt | 1 | ✓ | |
| BilinearXYM_u16_u16Xu16YM_Cnt | 2 | BilinearXYM_u16_u16Xu16YM_Cnt | 2 | ✓ | |
| Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached | 1 | Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached | 1 | ✓ | |

| Test Step 2.50 (Repeat Count = 1) | | ✓ |
|---|-------------------------------|---|
| Name | Input Value | |
| EstKeFF_VpRadpS_M_f32 | 0.0700000003 | |
| EstRFF_Ohm_M_f32 | 0.107666001 | |
| FastDataAccessBufIndex_Cnt_M_u16 | 0 | |
| MtrEstKe_VpRadpS_M_f32[0] | 0.0649999976 | |
| MtrEstKe_VpRadpS_M_f32[1] | 0.0689999983 | |
| Rte_Inst_Ap_CurrParamComp | tgt_Rte_Inst_Ap_CurrParamComp | |
| k_MaxKeRngLmt_VpRadpS_f32 | 0.0329999998 | |
| k_MaxLdRngLmt_Henry_f32 | 0.000220000002 | |
| k_MaxLqRngLmt_Henry_f32 | 0.000286543014 | |
| k_MaxRRngLmt_Ohm_f32 | 0.0350000001 | |
| k_MinKeRngLmt_VpRadpS_f32 | 0.0359999985 | |
| k_MinLdRngLmt_Henry_f32 | 0.000380000012 | |
| k_MinLqRngLmt_Henry_f32 | 0.000410000008 | |
| k_MinRRngLmt_Ohm_f32 | 0.0469999984 | |
| k_NomLd_Henry_f32 | 0.000230000005 | |
| k_NomLq_Henry_f32 | 0.000199999995 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][0] | 1638 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][1] | 3277 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][2] | 4915 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][3] | 6554 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][4] | 8192 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][5] | 9830 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][6] | 11469 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][0] | 13107 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][1] | 14746 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][2] | 16384 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][3] | 18022 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][4] | 19661 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][5] | 21299 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][6] | 22938 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[2][0] | 24576 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[2][1] | 26214 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[2][2] | 27853 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[2][3] | 29491 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[2][4] | 31130 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[2][5] | 31949 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[2][6] | 32768 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[3][0] | 3277 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[3][1] | 6554 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[3][2] | 8192 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[3][3] | 11469 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[3][4] | 14746 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[3][5] | 29491 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[3][6] | 31130 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[4][0] | 1638 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[4][1] | 3277 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[4][2] | 4915 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[4][3] | 6554 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[4][4] | 8192 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[4][5] | 9830 | |

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

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| Name | Input Value |
|--|--|
| t_KeSatTbIX_Amp_u9p7[10] | 15360 |
| t_KeSatTbIX_Amp_u9p7[11] | 16640 |
| t_KeSatTbIX_Amp_u9p7[12] | 17920 |
| t_KeSatTbIX_Amp_u9p7[13] | 19200 |
| t_KeSatTbIX_Amp_u9p7[14] | 20480 |
| t_KeSatTbIX_Amp_u9p7[15] | 21760 |
| t_KeSatTbIY_Uls_u2p14[0] | 1802 |
| t_KeSatTbIY_Uls_u2p14[1] | 1966 |
| t_KeSatTbIY_Uls_u2p14[2] | 2130 |
| t_KeSatTbIY_Uls_u2p14[3] | 2458 |
| t_KeSatTbIY_Uls_u2p14[4] | 2458 |
| t_KeSatTbIY_Uls_u2p14[5] | 2621 |
| t_KeSatTbIY_Uls_u2p14[6] | 4096 |
| t_KeSatTbIY_Uls_u2p14[7] | 5734 |
| t_KeSatTbIY_Uls_u2p14[8] | 6554 |
| t_KeSatTbIY_Uls_u2p14[9] | 7373 |
| t_KeSatTbIY_Uls_u2p14[10] | 8192 |
| t_KeSatTbIY_Uls_u2p14[11] | 9011 |
| t_KeSatTbIY_Uls_u2p14[12] | 10650 |
| t_KeSatTbIY_Uls_u2p14[13] | 12288 |
| t_KeSatTbIY_Uls_u2p14[14] | 13926 |
| t_KeSatTbIY_Uls_u2p14[15] | 15565 |
| tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value | 28.3152008 |
| tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value | 25.3283997 |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32 | tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32 |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32 | tgt_CurrParamComp_Per1_EstLd_Henry_f32 |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32 | tgt_CurrParamComp_Per1_EstLq_Henry_f32 |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32 | tgt_CurrParamComp_Per1_EstR_Ohm_f32 |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 | tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32 | tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32 |

| Name | Actual Value | Expected Value | Result |
|--|----------------|-------------------------------|--------|
| FastDataAccessBufIndex_Cnt_M_u16 | 1 | 1 | ✓ |
| MtrEstKe_VpRadpS_M_f32[0] | 0.0649999976 | 0.0649999976 | ✓ |
| MtrEstKe_VpRadpS_M_f32[1] | 0.0359999985 | 0.0359999985 | ✓ |
| tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value | 0.0359999985 | 0.0359999985 | ✓ |
| tgt_CurrParamComp_Per1_EstLd_Henry_f32.value | 0.000380000012 | 0.000380000012 ± 0.0000000009 | ✓ |
| tgt_CurrParamComp_Per1_EstLq_Henry_f32.value | 0.000410000008 | 0.000410000008 ± 0.0625 | ✓ |
| tgt_CurrParamComp_Per1_EstR_Ohm_f32.value | 0.0350000001 | 0.0350000001 | ✓ |

| 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 2.51 (Repeat Count = 1) ✓

| Name | Input Value |
|---|-------------------------------|
| EstKeFF_VpRadpS_M_f32 | 0.0710000023 |
| EstRFF_Ohm_M_f32 | 0.111568563 |
| FastDataAccessBufIndex_Cnt_M_u16 | 0 |
| MtrEstKe_VpRadpS_M_f32[0] | 0.0430000015 |
| MtrEstKe_VpRadpS_M_f32[1] | 0.0710000023 |
| Rte_Inst_Ap_CurrParamComp | tgt_Rte_Inst_Ap_CurrParamComp |
| k_MaxKeRngLmt_VpRadpS_f32 | 0.0340000018 |
| k_MaxLdRngLmt_Henry_f32 | 0.000230000005 |
| k_MaxLqRngLmt_Henry_f32 | 0.000287006987 |
| k_MaxRRngLmt_Ohm_f32 | 0.0390000008 |
| k_MinKeRngLmt_VpRadpS_f32 | 0.0370000005 |
| k_MinLdRngLmt_Henry_f32 | 0.000390000001 |
| k_MinLqRngLmt_Henry_f32 | 9.99999975e-005 |
| k_MinRRngLmt_Ohm_f32 | 0.050999999 |
| k_NomLd_Henry_f32 | 0.000239999994 |
| k_NomLq_Henry_f32 | 0.000209999998 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][0] | 1638 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][1] | 3277 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][2] | 4915 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][3] | 6554 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][4] | 8192 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][5] | 9830 |

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CurrParamComp_Per1

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

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CurrParamComp_Per1

| Name | Input Value | | |
|--|--|-------------------------------|--------|
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][2] | 16384 | | |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][3] | 18022 | | |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][4] | 19661 | | |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][5] | 21299 | | |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][6] | 22938 | | |
| t_CurrParamCompDaxRef_Amp_u9p7[0] | 16640 | | |
| t_CurrParamCompDaxRef_Amp_u9p7[1] | 17920 | | |
| t_CurrParamCompDaxRef_Amp_u9p7[2] | 19200 | | |
| t_CurrParamCompDaxRef_Amp_u9p7[3] | 20480 | | |
| t_CurrParamCompDaxRef_Amp_u9p7[4] | 21760 | | |
| t_CurrParamCompDaxRef_Amp_u9p7[5] | 23040 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[0] | 1280 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[1] | 2560 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[2] | 3840 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[3] | 5120 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[4] | 6400 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[5] | 7680 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[6] | 8960 | | |
| t_KeSatTblX_Amp_u9p7[0] | 640 | | |
| t_KeSatTblX_Amp_u9p7[1] | 1920 | | |
| t_KeSatTblX_Amp_u9p7[2] | 3200 | | |
| t_KeSatTblX_Amp_u9p7[3] | 4480 | | |
| t_KeSatTblX_Amp_u9p7[4] | 5760 | | |
| t_KeSatTblX_Amp_u9p7[5] | 7040 | | |
| t_KeSatTblX_Amp_u9p7[6] | 8320 | | |
| t_KeSatTblX_Amp_u9p7[7] | 9600 | | |
| t_KeSatTblX_Amp_u9p7[8] | 10880 | | |
| t_KeSatTblX_Amp_u9p7[9] | 12160 | | |
| t_KeSatTblX_Amp_u9p7[10] | 13440 | | |
| t_KeSatTblX_Amp_u9p7[11] | 14720 | | |
| t_KeSatTblX_Amp_u9p7[12] | 16000 | | |
| t_KeSatTblX_Amp_u9p7[13] | 17280 | | |
| t_KeSatTblX_Amp_u9p7[14] | 18560 | | |
| t_KeSatTblX_Amp_u9p7[15] | 19840 | | |
| t_KeSatTblY_Uls_u2p14[0] | 1966 | | |
| t_KeSatTblY_Uls_u2p14[1] | 2130 | | |
| t_KeSatTblY_Uls_u2p14[2] | 2294 | | |
| t_KeSatTblY_Uls_u2p14[3] | 1802 | | |
| t_KeSatTblY_Uls_u2p14[4] | 2621 | | |
| t_KeSatTblY_Uls_u2p14[5] | 2785 | | |
| t_KeSatTblY_Uls_u2p14[6] | 3277 | | |
| t_KeSatTblY_Uls_u2p14[7] | 4915 | | |
| t_KeSatTblY_Uls_u2p14[8] | 2458 | | |
| t_KeSatTblY_Uls_u2p14[9] | 6554 | | |
| t_KeSatTblY_Uls_u2p14[10] | 1638 | | |
| t_KeSatTblY_Uls_u2p14[11] | 8192 | | |
| t_KeSatTblY_Uls_u2p14[12] | 9830 | | |
| t_KeSatTblY_Uls_u2p14[13] | 11469 | | |
| t_KeSatTblY_Uls_u2p14[14] | 13107 | | |
| t_KeSatTblY_Uls_u2p14[15] | 14746 | | |
| tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value | 31.302 | | |
| tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value | 28.3152008 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32 | tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32 | tgt_CurrParamComp_Per1_EstLd_Henry_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32 | tgt_CurrParamComp_Per1_EstLq_Henry_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32 | tgt_CurrParamComp_Per1_EstR_Ohm_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f3: | tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f3: | tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32 | | |
| Name | Actual Value | Expected Value | Result |
| FastDataAccessBufIndex_Cnt_M_u16 | 1 | 1 | ✓ |
| MtrEstKe_VpRadpS_M_f32[0] | 0.0430000015 | 0.0430000015 | ✓ |
| MtrEstKe_VpRadpS_M_f32[1] | 0.0370000005 | 0.0370000005 | ✓ |
| tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value | 0.0370000005 | 0.0370000005 | ✓ |
| tgt_CurrParamComp_Per1_EstLd_Henry_f32.value | 0.000390000001 | 0.000390000001 ± 0.0000000009 | ✓ |
| tgt_CurrParamComp_Per1_EstLq_Henry_f32.value | 9.99999975e-005 | 5.94999983e-005 ± 0.0625 | ✓ |
| tgt_CurrParamComp_Per1_EstR_Ohm_f32.value | 0.0390000008 | 0.0390000008 | ✓ |

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CurrParamComp_Per1

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

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CurrParamComp_Per1

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

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

| 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 2.53 (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_CurrParamLdSatScfFac_Uls_u2p14[0][0] | 1638 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[0][1] | 3277 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[0][2] | 4915 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[0][3] | 6554 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[0][4] | 8192 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[0][5] | 9830 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[0][6] | 11469 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[1][0] | 13107 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[1][1] | 14746 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[1][2] | 16384 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[1][3] | 18022 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[1][4] | 19661 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[1][5] | 21299 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[1][6] | 22938 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[2][0] | 24576 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[2][1] | 26214 |
| t2_CurrParamLdSatScfFac_Uls_u2p14[2][2] | 27853 |

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

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| Name | Input Value | | |
|--|--|------------------------------|--------|
| t_CurrParamCompQaxRef_Amp_u9p7[0] | 16640 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[1] | 17920 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[2] | 19200 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[3] | 20480 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[4] | 21760 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[5] | 23040 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[6] | 25600 | | |
| t_KeSatTblX_Amp_u9p7[0] | 1408 | | |
| t_KeSatTblX_Amp_u9p7[1] | 2816 | | |
| t_KeSatTblX_Amp_u9p7[2] | 4224 | | |
| t_KeSatTblX_Amp_u9p7[3] | 5632 | | |
| t_KeSatTblX_Amp_u9p7[4] | 7040 | | |
| t_KeSatTblX_Amp_u9p7[5] | 8448 | | |
| t_KeSatTblX_Amp_u9p7[6] | 9856 | | |
| t_KeSatTblX_Amp_u9p7[7] | 11264 | | |
| t_KeSatTblX_Amp_u9p7[8] | 12672 | | |
| t_KeSatTblX_Amp_u9p7[9] | 14080 | | |
| t_KeSatTblX_Amp_u9p7[10] | 15360 | | |
| t_KeSatTblX_Amp_u9p7[11] | 16640 | | |
| t_KeSatTblX_Amp_u9p7[12] | 17920 | | |
| t_KeSatTblX_Amp_u9p7[13] | 19200 | | |
| t_KeSatTblX_Amp_u9p7[14] | 20480 | | |
| t_KeSatTblX_Amp_u9p7[15] | 21760 | | |
| t_KeSatTblY_Uls_u2p14[0] | 1966 | | |
| t_KeSatTblY_Uls_u2p14[1] | 2130 | | |
| t_KeSatTblY_Uls_u2p14[2] | 6554 | | |
| t_KeSatTblY_Uls_u2p14[3] | 1802 | | |
| t_KeSatTblY_Uls_u2p14[4] | 2621 | | |
| t_KeSatTblY_Uls_u2p14[5] | 2784 | | |
| t_KeSatTblY_Uls_u2p14[6] | 4096 | | |
| t_KeSatTblY_Uls_u2p14[7] | 5734 | | |
| t_KeSatTblY_Uls_u2p14[8] | 2458 | | |
| t_KeSatTblY_Uls_u2p14[9] | 7373 | | |
| t_KeSatTblY_Uls_u2p14[10] | 8192 | | |
| t_KeSatTblY_Uls_u2p14[11] | 9011 | | |
| t_KeSatTblY_Uls_u2p14[12] | 10650 | | |
| t_KeSatTblY_Uls_u2p14[13] | 12288 | | |
| t_KeSatTblY_Uls_u2p14[14] | 13926 | | |
| t_KeSatTblY_Uls_u2p14[15] | 15565 | | |
| tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value | 37.2756004 | | |
| tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value | 34.2887993 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32 | tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32 | tgt_CurrParamComp_Per1_EstLd_Henry_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32 | tgt_CurrParamComp_Per1_EstLq_Henry_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32 | tgt_CurrParamComp_Per1_EstR_Ohm_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 | tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32 | tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32 | | |
| Name | Actual Value | Expected Value | Result |
| FastDataAccessBufIndex_Cnt_M_u16 | 1 | 1 | ✔ |
| MtrEstKe_VpRadpS_M_f32[0] | 0.0260000005 | 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 | ✔ |

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

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

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CurrParamComp_Per1

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

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

| 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 2.55 (Repeat Count = 1) | | ✔ |
|---|-------------------------------|---|
| Name | Input Value | |
| EstKeFF_VpRadpS_M_f32 | 0.0540000014 | |
| EstRFF_Ohm_M_f32 | 0.0125634 | |
| FastDataAccessBufIndex_Cnt_M_u16 | 0 | |
| MtrEstKe_VpRadpS_M_f32[0] | 0.0299999993 | |
| MtrEstKe_VpRadpS_M_f32[1] | 0.0309999995 | |
| Rte_Inst_Ap_CurrParamComp | tgt_Rte_Inst_Ap_CurrParamComp | |
| k_MaxKeRngLmt_VpRadpS_f32 | 0.0379999988 | |
| k_MaxLdRngLmt_Henry_f32 | 0.00026999999 | |
| k_MaxLqRngLmt_Henry_f32 | 0.000190000006 | |
| k_MaxRRngLmt_Ohm_f32 | 0.0549999997 | |
| k_MinKeRngLmt_VpRadpS_f32 | 0.0410000011 | |
| k_MinLdRngLmt_Henry_f32 | 2.99999992e-005 | |
| k_MinLqRngLmt_Henry_f32 | 0.000260000001 | |
| k_MinRRngLmt_Ohm_f32 | 0.0670000017 | |
| k_NomLd_Henry_f32 | 0.000280000007 | |
| k_NomLq_Henry_f32 | 0.000250000012 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][0] | 1638 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][1] | 3277 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][2] | 4915 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][3] | 6554 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][4] | 8192 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][5] | 9830 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[0][6] | 11469 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][0] | 13107 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][1] | 14746 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][2] | 16384 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][3] | 18022 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][4] | 19661 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][5] | 21299 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[1][6] | 22938 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[2][0] | 24576 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[2][1] | 26214 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[2][2] | 27853 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[2][3] | 29491 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[2][4] | 31130 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[2][5] | 31949 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[2][6] | 32768 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[3][0] | 3277 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[3][1] | 6554 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[3][2] | 8192 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[3][3] | 11469 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[3][4] | 14746 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[3][5] | 29491 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[3][6] | 31130 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[4][0] | 1638 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[4][1] | 3277 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[4][2] | 4915 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[4][3] | 6554 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[4][4] | 8192 | |
| t2_CurrParamLdSatScIFac_Uls_u2p14[4][5] | 9830 | |

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CurrParamComp_Per1

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

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CurrParamComp_Per1

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

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

| 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 | 0.000269999999 |
| k_MinRRngLmt_Ohm_f32 | 0.0710000023 |
| k_NomLd_Henry_f32 | 0.000289999996 |
| k_NomLq_Henry_f32 | 0.000260000001 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][0] | 1638 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][1] | 3277 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][2] | 4915 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][3] | 6554 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][4] | 8192 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][5] | 9830 |

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CurrParamComp_Per1

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

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CurrParamComp_Per1

| Name | Input Value | | |
|--|--|-------------------------------|--------|
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][2] | 16384 | | |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][3] | 18022 | | |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][4] | 19661 | | |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][5] | 21299 | | |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][6] | 22938 | | |
| t_CurrParamCompDaxRef_Amp_u9p7[0] | 8960 | | |
| t_CurrParamCompDaxRef_Amp_u9p7[1] | 10240 | | |
| t_CurrParamCompDaxRef_Amp_u9p7[2] | 11520 | | |
| t_CurrParamCompDaxRef_Amp_u9p7[3] | 12800 | | |
| t_CurrParamCompDaxRef_Amp_u9p7[4] | 14080 | | |
| t_CurrParamCompDaxRef_Amp_u9p7[5] | 15360 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[0] | 1280 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[1] | 2560 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[2] | 3840 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[3] | 5120 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[4] | 6400 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[5] | 7680 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[6] | 8960 | | |
| t_KeSatTblX_Amp_u9p7[0] | 1408 | | |
| t_KeSatTblX_Amp_u9p7[1] | 2816 | | |
| t_KeSatTblX_Amp_u9p7[2] | 4224 | | |
| t_KeSatTblX_Amp_u9p7[3] | 5632 | | |
| t_KeSatTblX_Amp_u9p7[4] | 7040 | | |
| t_KeSatTblX_Amp_u9p7[5] | 8448 | | |
| t_KeSatTblX_Amp_u9p7[6] | 9856 | | |
| t_KeSatTblX_Amp_u9p7[7] | 11264 | | |
| t_KeSatTblX_Amp_u9p7[8] | 12672 | | |
| t_KeSatTblX_Amp_u9p7[9] | 14080 | | |
| t_KeSatTblX_Amp_u9p7[10] | 15360 | | |
| t_KeSatTblX_Amp_u9p7[11] | 16640 | | |
| t_KeSatTblX_Amp_u9p7[12] | 17920 | | |
| t_KeSatTblX_Amp_u9p7[13] | 19200 | | |
| t_KeSatTblX_Amp_u9p7[14] | 20480 | | |
| t_KeSatTblX_Amp_u9p7[15] | 21760 | | |
| t_KeSatTblY_Uls_u2p14[0] | 1966 | | |
| t_KeSatTblY_Uls_u2p14[1] | 2130 | | |
| t_KeSatTblY_Uls_u2p14[2] | 6554 | | |
| t_KeSatTblY_Uls_u2p14[3] | 1802 | | |
| t_KeSatTblY_Uls_u2p14[4] | 2621 | | |
| t_KeSatTblY_Uls_u2p14[5] | 2785 | | |
| t_KeSatTblY_Uls_u2p14[6] | 4096 | | |
| t_KeSatTblY_Uls_u2p14[7] | 5734 | | |
| t_KeSatTblY_Uls_u2p14[8] | 2458 | | |
| t_KeSatTblY_Uls_u2p14[9] | 7373 | | |
| t_KeSatTblY_Uls_u2p14[10] | 8192 | | |
| t_KeSatTblY_Uls_u2p14[11] | 9011 | | |
| t_KeSatTblY_Uls_u2p14[12] | 10650 | | |
| t_KeSatTblY_Uls_u2p14[13] | 12288 | | |
| t_KeSatTblY_Uls_u2p14[14] | 13926 | | |
| t_KeSatTblY_Uls_u2p14[15] | 15565 | | |
| tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value | -156.324997 | | |
| tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value | 43.2491989 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32 | tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32 | tgt_CurrParamComp_Per1_EstLd_Henry_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32 | tgt_CurrParamComp_Per1_EstLq_Henry_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32 | tgt_CurrParamComp_Per1_EstR_Ohm_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 | tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32 | tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32 | | |
| Name | Actual Value | Expected Value | Result |
| FastDataAccessBufIndex_Cnt_M_u16 | 1 | 1 | ✔ |
| MtrEstKe_VpRadpS_M_f32[0] | 0.0410000011 | 0.0410000011 | ✔ |
| MtrEstKe_VpRadpS_M_f32[1] | 0.0419999994 | 0.0419999994 | ✔ |
| tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value | 0.0419999994 | 0.0419999994 | ✔ |
| tgt_CurrParamComp_Per1_EstLd_Henry_f32.value | 0.000280000007 | 0.000280000007 ± 0.0000000009 | ✔ |
| tgt_CurrParamComp_Per1_EstLq_Henry_f32.value | 0.000199999995 | 0.000199999995 ± 0.0625 | ✔ |
| tgt_CurrParamComp_Per1_EstR_Ohm_f32.value | 0.0710000023 | 0.0710000023 | ✔ |

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| 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 2.57 (Repeat Count = 1) | |
|---|-------------------------------|
| Name | Input Value |
| EstKeFF_VpRadpS_M_f32 | 0.0560000017 |
| EstRFF_Ohm_M_f32 | 0.0144124003 |
| FastDataAccessBufIndex_Cnt_M_u16 | 1 |
| MtrEstKe_VpRadpS_M_f32[0] | 0.0430000015 |
| MtrEstKe_VpRadpS_M_f32[1] | 0.0710000023 |
| Rte_Inst_Ap_CurrParamComp | tgt_Rte_Inst_Ap_CurrParamComp |
| k_MaxKeRngLmt_VpRadpS_f32 | 0.0399999991 |
| k_MaxLdRngLmt_Henry_f32 | 0.000289999996 |
| k_MaxLqRngLmt_Henry_f32 | 0.000209999998 |
| k_MaxRRngLmt_Ohm_f32 | 0.0630000001 |
| k_MinKeRngLmt_VpRadpS_f32 | 0.0430000015 |
| k_MinLdRngLmt_Henry_f32 | 9.99999975e-005 |
| k_MinLqRngLmt_Henry_f32 | 0.000280000007 |
| k_MinRRngLmt_Ohm_f32 | 0.0750000003 |
| k_NomLd_Henry_f32 | 0.000300000014 |
| k_NomLq_Henry_f32 | 0.000269999999 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][0] | 1638 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][1] | 3277 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][2] | 4915 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][3] | 6554 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][4] | 8192 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][5] | 9830 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][6] | 11469 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][0] | 13107 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][1] | 14746 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][2] | 16384 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][3] | 18022 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][4] | 19661 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][5] | 21299 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][6] | 22938 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][0] | 24576 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][1] | 26214 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][2] | 27853 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][3] | 29491 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][4] | 31130 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][5] | 31949 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][6] | 32768 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][0] | 3277 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][1] | 6554 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][2] | 8192 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][3] | 11469 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][4] | 14746 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][5] | 29491 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][6] | 31130 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][0] | 1638 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][1] | 3277 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][2] | 4915 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][3] | 6554 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][4] | 8192 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][5] | 9830 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][6] | 11469 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][0] | 13107 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][1] | 14746 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][2] | 16384 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][3] | 18022 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][4] | 19661 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][5] | 21299 |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][6] | 22938 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][0] | 1638 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][1] | 3277 |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][2] | 4915 |

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CurrParamComp_Per1

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

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CurrParamComp_Per1

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

| T | | | | |
|---|-------|---|-------|--------|
| Actual Function | Count | Expected Function | Count | Result |
| Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached | 1 | Rte_Call_CurrParamComp_Per1_CP0_CheckpointReached | 1 | ✓ |
| IntpIVarXY_u16_u16Xu16Y_Cnt | 1 | IntpIVarXY_u16_u16Xu16Y_Cnt | 1 | ✓ |
| BilinearXYM_u16_u16Xu16YM_Cnt | 2 | BilinearXYM_u16_u16Xu16YM_Cnt | 2 | ✓ |
| Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached | 1 | Rte_Call_CurrParamComp_Per1_CP1_CheckpointReached | 1 | ✓ |

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

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CurrParamComp_Per1

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

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CurrParamComp_Per1

| Name | Input Value | | |
|--|--|--------------------------------|--------|
| t_CurrParamCompQaxRef_Amp_u9p7[0] | 16640 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[1] | 17920 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[2] | 19200 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[3] | 20480 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[4] | 21760 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[5] | 23040 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[6] | 25600 | | |
| t_KeSatTbIX_Amp_u9p7[0] | 1280 | | |
| t_KeSatTbIX_Amp_u9p7[1] | 2560 | | |
| t_KeSatTbIX_Amp_u9p7[2] | 3840 | | |
| t_KeSatTbIX_Amp_u9p7[3] | 5120 | | |
| t_KeSatTbIX_Amp_u9p7[4] | 6400 | | |
| t_KeSatTbIX_Amp_u9p7[5] | 7680 | | |
| t_KeSatTbIX_Amp_u9p7[6] | 8960 | | |
| t_KeSatTbIX_Amp_u9p7[7] | 10240 | | |
| t_KeSatTbIX_Amp_u9p7[8] | 11520 | | |
| t_KeSatTbIX_Amp_u9p7[9] | 12800 | | |
| t_KeSatTbIX_Amp_u9p7[10] | 14080 | | |
| t_KeSatTbIX_Amp_u9p7[11] | 15360 | | |
| t_KeSatTbIX_Amp_u9p7[12] | 16640 | | |
| t_KeSatTbIX_Amp_u9p7[13] | 17920 | | |
| t_KeSatTbIX_Amp_u9p7[14] | 19200 | | |
| t_KeSatTbIX_Amp_u9p7[15] | 20480 | | |
| t_KeSatTbIY_Uls_u2p14[0] | 4915 | | |
| t_KeSatTbIY_Uls_u2p14[1] | 6554 | | |
| t_KeSatTbIY_Uls_u2p14[2] | 8192 | | |
| t_KeSatTbIY_Uls_u2p14[3] | 3277 | | |
| t_KeSatTbIY_Uls_u2p14[4] | 11469 | | |
| t_KeSatTbIY_Uls_u2p14[5] | 13107 | | |
| t_KeSatTbIY_Uls_u2p14[6] | 14746 | | |
| t_KeSatTbIY_Uls_u2p14[7] | 1802 | | |
| t_KeSatTbIY_Uls_u2p14[8] | 9830 | | |
| t_KeSatTbIY_Uls_u2p14[9] | 1966 | | |
| t_KeSatTbIY_Uls_u2p14[10] | 1638 | | |
| t_KeSatTbIY_Uls_u2p14[11] | 2130 | | |
| t_KeSatTbIY_Uls_u2p14[12] | 2294 | | |
| t_KeSatTbIY_Uls_u2p14[13] | 2458 | | |
| t_KeSatTbIY_Uls_u2p14[14] | 2621 | | |
| t_KeSatTbIY_Uls_u2p14[15] | 2785 | | |
| tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value | -164.404999 | | |
| tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value | -160.365005 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32 | tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32 | tgt_CurrParamComp_Per1_EstLd_Henry_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32 | tgt_CurrParamComp_Per1_EstLq_Henry_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32 | tgt_CurrParamComp_Per1_EstR_Ohm_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 | tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32 | tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32 | | |
| Name | Actual Value | Expected Value | Result |
| FastDataAccessBufIndex_Cnt_M_u16 | 0 | 0 | ✔ |
| MtrEstKe_VpRadpS_M_f32[0] | 0.0439999998 | 0.0439999998 | ✔ |
| MtrEstKe_VpRadpS_M_f32[1] | 0.0689999983 | 0.0689999983 | ✔ |
| tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value | 0.0439999998 | 0.0439999998 | ✔ |
| tgt_CurrParamComp_Per1_EstLd_Henry_f32.value | 2.99999992e-005 | 2.99999992e-005 ± 0.0000000009 | ✔ |
| tgt_CurrParamComp_Per1_EstLq_Henry_f32.value | 0.000289999996 | 0.000289999996 ± 0.0625 | ✔ |
| tgt_CurrParamComp_Per1_EstR_Ohm_f32.value | 0.0790000036 | 0.0790000036 | ✔ |

| 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 2.59 (Repeat Count = 1) | |
|-----------------------------------|--------------|
| Name | Input Value |
| EstKeFF_VpRadpS_M_f32 | 0.0579999983 |
| EstRFF_Ohm_M_f32 | 0.0166560002 |
| FastDataAccessBufIndex_Cnt_M_u16 | 1 |
| MtrEstKe_VpRadpS_M_f32[0] | 0.0340000018 |
| MtrEstKe_VpRadpS_M_f32[1] | 0.0689999983 |

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CurrParamComp_Per1

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

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CurrParamComp_Per1

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

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CurrParamComp_Per1

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

| 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 2.60 (Repeat Count = 1) | | ✔ |
|---|-------------------------------|---|
| Name | Input Value | |
| EstKeFF_VpRadpS_M_f32 | 0.0590000004 | |
| EstRFF_Ohm_M_f32 | 0.0176344998 | |
| FastDataAccessBufIndex_Cnt_M_u16 | 1 | |
| MtrEstKe_VpRadpS_M_f32[0] | 0.0549999997 | |
| MtrEstKe_VpRadpS_M_f32[1] | 0.00899999961 | |
| Rte_Inst_Ap_CurrParamComp | tgt_Rte_Inst_Ap_CurrParamComp | |
| k_MaxKeRngLmt_VpRadpS_f32 | 0.0430000015 | |
| k_MaxLdRngLmt_Henry_f32 | 0.000199999995 | |
| k_MaxLqRngLmt_Henry_f32 | 0.000239999994 | |
| k_MaxRRngLmt_Ohm_f32 | 0.075000003 | |
| k_MinKeRngLmt_VpRadpS_f32 | 0.0460000001 | |
| k_MinLdRngLmt_Henry_f32 | 0.000300000014 | |
| k_MinLqRngLmt_Henry_f32 | 0.000310000003 | |
| k_MinRRngLmt_Ohm_f32 | 0.0869999975 | |
| k_NomLd_Henry_f32 | 0.00033000001 | |
| k_NomLq_Henry_f32 | 0.000300000014 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[0][0] | 1638 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[0][1] | 3277 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[0][2] | 4915 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[0][3] | 6554 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[0][4] | 8192 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[0][5] | 9830 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[0][6] | 11469 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[1][0] | 13107 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[1][1] | 14746 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[1][2] | 16384 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[1][3] | 18022 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[1][4] | 19661 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[1][5] | 21299 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[1][6] | 22938 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[2][0] | 24576 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[2][1] | 26214 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[2][2] | 27853 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[2][3] | 29491 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[2][4] | 31130 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[2][5] | 31949 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[2][6] | 32768 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[3][0] | 3277 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[3][1] | 6554 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[3][2] | 8192 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[3][3] | 11469 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[3][4] | 14746 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[3][5] | 29491 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[3][6] | 31130 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[4][0] | 1638 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[4][1] | 3277 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[4][2] | 4915 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[4][3] | 6554 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[4][4] | 8192 | |
| t2_CurrParamLdSatScfFac_Uls_u2p14[4][5] | 9830 | |

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CurrParamComp_Per1

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

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CurrParamComp_Per1

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

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

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

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CurrParamComp_Per1

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

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CurrParamComp_Per1

| Name | Input Value | | |
|--|--|-------------------------------|--------|
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][2] | 16384 | | |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][3] | 18022 | | |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][4] | 19661 | | |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][5] | 21299 | | |
| t2_CurrParamLqSatSciFac_Uls_u2p14[5][6] | 22938 | | |
| t_CurrParamCompDaxRef_Amp_u9p7[0] | 8960 | | |
| t_CurrParamCompDaxRef_Amp_u9p7[1] | 10240 | | |
| t_CurrParamCompDaxRef_Amp_u9p7[2] | 11520 | | |
| t_CurrParamCompDaxRef_Amp_u9p7[3] | 12800 | | |
| t_CurrParamCompDaxRef_Amp_u9p7[4] | 14080 | | |
| t_CurrParamCompDaxRef_Amp_u9p7[5] | 15360 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[0] | 1280 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[1] | 2560 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[2] | 3840 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[3] | 5120 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[4] | 6400 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[5] | 7680 | | |
| t_CurrParamCompQaxRef_Amp_u9p7[6] | 8960 | | |
| t_KeSatTblX_Amp_u9p7[0] | 1280 | | |
| t_KeSatTblX_Amp_u9p7[1] | 2560 | | |
| t_KeSatTblX_Amp_u9p7[2] | 3840 | | |
| t_KeSatTblX_Amp_u9p7[3] | 5120 | | |
| t_KeSatTblX_Amp_u9p7[4] | 6400 | | |
| t_KeSatTblX_Amp_u9p7[5] | 7680 | | |
| t_KeSatTblX_Amp_u9p7[6] | 8960 | | |
| t_KeSatTblX_Amp_u9p7[7] | 10240 | | |
| t_KeSatTblX_Amp_u9p7[8] | 11520 | | |
| t_KeSatTblX_Amp_u9p7[9] | 12800 | | |
| t_KeSatTblX_Amp_u9p7[10] | 14080 | | |
| t_KeSatTblX_Amp_u9p7[11] | 15360 | | |
| t_KeSatTblX_Amp_u9p7[12] | 16640 | | |
| t_KeSatTblX_Amp_u9p7[13] | 17920 | | |
| t_KeSatTblX_Amp_u9p7[14] | 19200 | | |
| t_KeSatTblX_Amp_u9p7[15] | 20480 | | |
| t_KeSatTblY_Uls_u2p14[0] | 1966 | | |
| t_KeSatTblY_Uls_u2p14[1] | 2130 | | |
| t_KeSatTblY_Uls_u2p14[2] | 2294 | | |
| t_KeSatTblY_Uls_u2p14[3] | 1802 | | |
| t_KeSatTblY_Uls_u2p14[4] | 2621 | | |
| t_KeSatTblY_Uls_u2p14[5] | 2785 | | |
| t_KeSatTblY_Uls_u2p14[6] | 3277 | | |
| t_KeSatTblY_Uls_u2p14[7] | 4915 | | |
| t_KeSatTblY_Uls_u2p14[8] | 2458 | | |
| t_KeSatTblY_Uls_u2p14[9] | 6554 | | |
| t_KeSatTblY_Uls_u2p14[10] | 1638 | | |
| t_KeSatTblY_Uls_u2p14[11] | 8192 | | |
| t_KeSatTblY_Uls_u2p14[12] | 9830 | | |
| t_KeSatTblY_Uls_u2p14[13] | 11469 | | |
| t_KeSatTblY_Uls_u2p14[14] | 13107 | | |
| t_KeSatTblY_Uls_u2p14[15] | 14746 | | |
| tgt_CurrParamComp_Per1_MtrCurrDaxRef_Amp_f32.value | -176.524994 | | |
| tgt_CurrParamComp_Per1_MtrCurrQaxRef_Amp_f32.value | -172.485001 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstKe_VpRadpS_f32 | tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLd_Henry_f32 | tgt_CurrParamComp_Per1_EstLd_Henry_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstLq_Henry_f32 | tgt_CurrParamComp_Per1_EstLq_Henry_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_EstR_Ohm_f32 | tgt_CurrParamComp_Per1_EstR_Ohm_f32 | | |
| tgt_Rte_Inst_Ap_CurrParamComp.CurrParamComp_Per1_MtrCurrDaxRef_Amp_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] | 0.670000017 | 0.670000017 | ✔ |
| MtrEstKe_VpRadpS_M_f32[1] | 0.0439999998 | 0.0439999998 | ✔ |
| tgt_CurrParamComp_Per1_EstKe_VpRadpS_f32.value | 0.0439999998 | 0.0439999998 | ✔ |
| tgt_CurrParamComp_Per1_EstLd_Henry_f32.value | 0.000280000007 | 0.000280000007 ± 0.0000000009 | ✔ |
| tgt_CurrParamComp_Per1_EstLq_Henry_f32.value | 0.000250000012 | 0.000250000012 ± 0.0625 | ✔ |
| tgt_CurrParamComp_Per1_EstR_Ohm_f32.value | 0.0909999982 | 0.0909999982 | ✔ |

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CurrParamComp_Per1

| 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 2.62 (Repeat Count = 1) | | ✓ |
|---|-------------------------------|---|
| Name | Input Value | |
| EstKeFF_VpRadpS_M_f32 | 0.0610000007 | |
| EstRFF_Ohm_M_f32 | 0.0195234492 | |
| FastDataAccessBufIndex_Cnt_M_u16 | 1 | |
| MtrEstKe_VpRadpS_M_f32[0] | 0.0489999987 | |
| MtrEstKe_VpRadpS_M_f32[1] | 0.0649999976 | |
| Rte_Inst_Ap_CurrParamComp | tgt_Rte_Inst_Ap_CurrParamComp | |
| k_MaxKeRngLmt_VpRadpS_f32 | 0.0450000018 | |
| k_MaxLdRngLmt_Henry_f32 | 0.000289999996 | |
| k_MaxLqRngLmt_Henry_f32 | 0.000260000001 | |
| k_MaxRRngLmt_Ohm_f32 | 0.0829999968 | |
| k_MinKeRngLmt_VpRadpS_f32 | 0.0480000004 | |
| k_MinLdRngLmt_Henry_f32 | 0.000319999992 | |
| k_MinLqRngLmt_Henry_f32 | 0.000330000001 | |
| k_MinRRngLmt_Ohm_f32 | 0.0949999988 | |
| k_NomLd_Henry_f32 | 0.000349999988 | |
| k_NomLq_Henry_f32 | 0.000319999992 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][0] | 1638 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][1] | 3277 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][2] | 4915 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][3] | 6554 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][4] | 8192 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][5] | 9830 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[0][6] | 11469 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][0] | 13107 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][1] | 14746 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][2] | 16384 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][3] | 18022 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][4] | 19661 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][5] | 21299 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[1][6] | 22938 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][0] | 24576 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][1] | 26214 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][2] | 27853 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][3] | 29491 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][4] | 31130 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][5] | 31949 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[2][6] | 32768 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][0] | 3277 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][1] | 6554 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][2] | 8192 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][3] | 11469 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][4] | 14746 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][5] | 29491 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[3][6] | 31130 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][0] | 1638 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][1] | 3277 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][2] | 4915 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][3] | 6554 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][4] | 8192 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][5] | 9830 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[4][6] | 11469 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][0] | 13107 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][1] | 14746 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][2] | 16384 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][3] | 18022 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][4] | 19661 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][5] | 21299 | |
| t2_CurrParamLdSatSciFac_Uls_u2p14[5][6] | 22938 | |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][0] | 1638 | |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][1] | 3277 | |
| t2_CurrParamLqSatSciFac_Uls_u2p14[0][2] | 4915 | |

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

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

| 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 | ✓ |