Summary

Total Test Objects:	4
Successful:	3
Failed:	1
Not Executed:	0
Date:	2018-05-17
Time:	14:30:43+0530

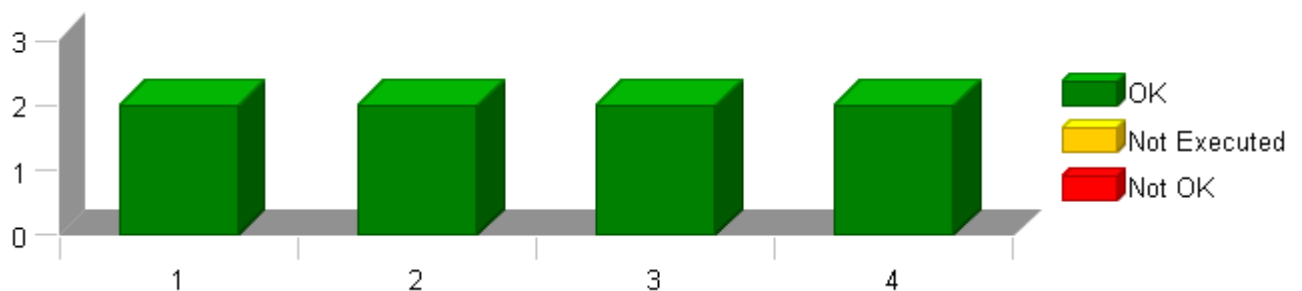## Overall Test Object Results (including Coverage)
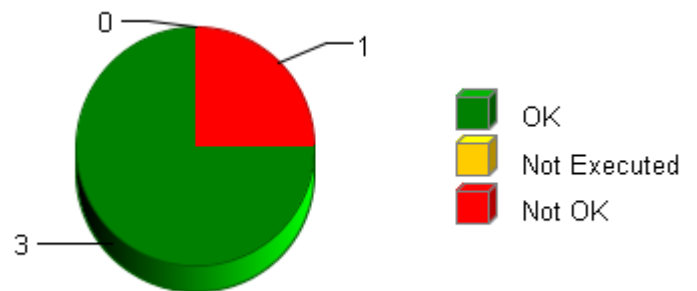
Selected Project Items

Test Collection "CBD_Unit_Test"

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).

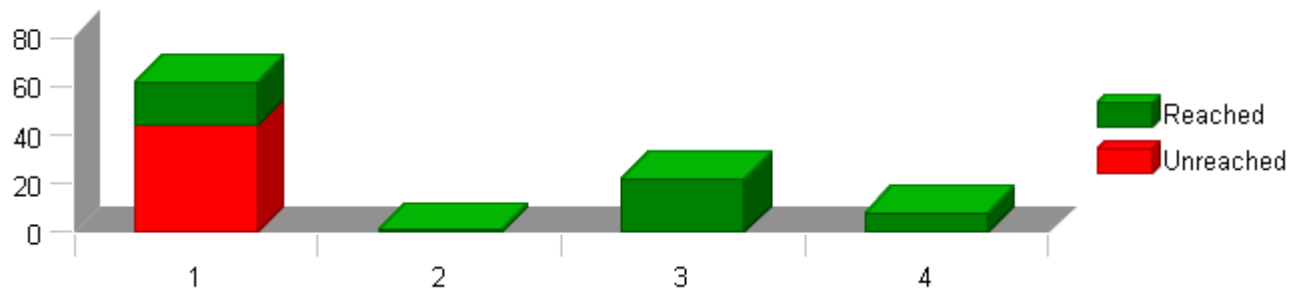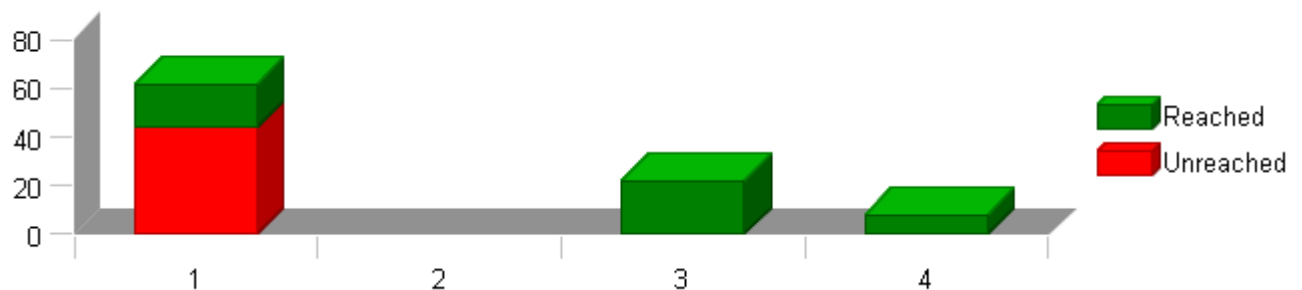## Statement (C0) Coverage: Total Statements for Each Test Object
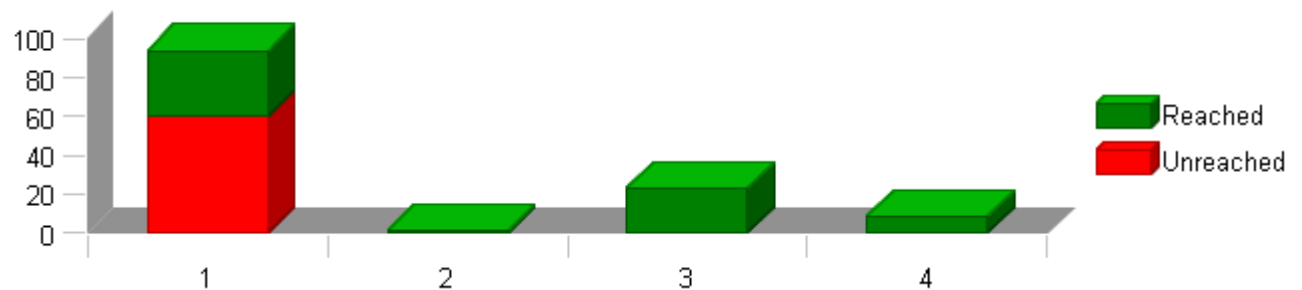
The table above shows each test object on the x axis and the number of statements of the respective test object on the y axis. Each bar is divided into reached statements (i.e. statements that have been executed during the test) and unreached statements.

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.
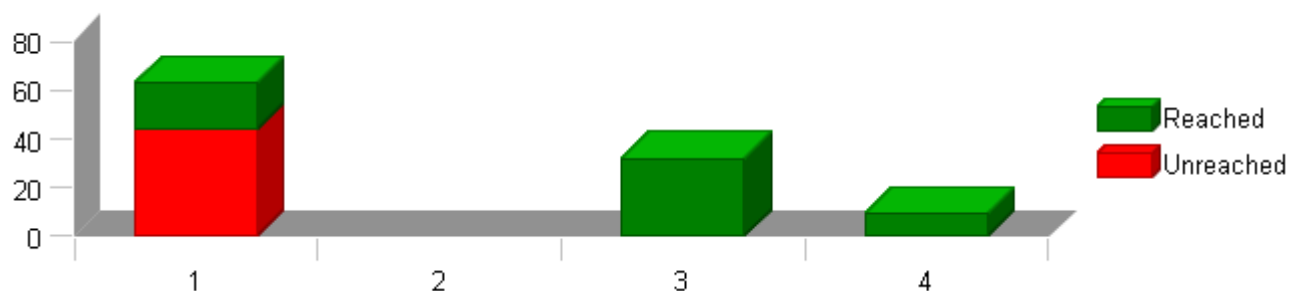
Decision Coverage: Total Decision Outcomes for Each Test Object

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.

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	Test Cases	Result
	CustBattDiag	52.38 %	52.68 %	52.17 %	57.69 %	8 of 8 passed	☒
	CBD_Unit_Test	52.38 %	52.68 %	52.17 %	57.69 %	8 of 8 passed	☒
	CustBattDiag	52.38 %	52.68 %	52.17 %	57.69 %	8 of 8 passed	☒
1	CustBattDiag_GetImaginaryIgnVoltage	36.17 %	29.03 %	29.03 %	30.15 %	2 of 2 passed	☒
2	CustBattDiag_Per1	100 %	100 %	-	-	2 of 2 passed	✔
3	CustBattDiag_Per2	100 %	100 %	100 %	100 %	2 of 2 passed	✔
4	CustBattDiag_ReportFaultWithHisteresis	100 %	100 %	100 %	100 %	2 of 2 passed	✔

Project	CustBattDiag
Module	CustBattDiag
Test Object	CustBattDiag_Per1

Instrumentation: Test Object Only

Statement (C0) Coverage	100 %
Branch (C1) Coverage	100 %

Statistics

Total Testcases	2	
Successful	2	✔
Failed	0	
Not Executed	0	

Comments/Description/Specification

Name	Text
Module 'CustBattDiag'	***************************Unit Test Information****************************** Name of Tester: Chandrakanth Sheegi Code File(s) Under Test:Ap_CustBattDiag.c Code File(s) Version:5 Module Design Document:CustomerBattDiagnostic_MDD.docx Module Design Document Version:2 Data Dictionary Version: 3 Unit Test Plan Version:5 Optimization Level:Ogeneral Compiler (CodeGen) Version: TMS470_4.9.5 Model Type:None Model Version:Nexteer EPS Unit Test Tool 1.0 Total FLASH Used (Bytes):906 Total RAM Used (Bytes):64 Total CALS Used (Bytes):88 Special Test Requirements:NA Test Date:5/17/2018 Comments: "NOTE 1: Inline functions defined in GlobalMacro.h are not unit tested. NOTE 2: ""CBD_Sandbox_dbg.map"" map file is embedded for reference. NOTE 3: In function "CustBattDiag_GetImaginaryIgnVoltage" 'D_IMAGINARY_IGN_ON_VOLTS_U10P6' , 'D_IMAGINARY_IGN_UNKNWN_VOLTS_U10P6'and 'D_IMAGINARY_IGN_OFF_VOLTS_U10P6' constants are used, these constants are defined as (FPM_InitFixedPoint_m(6.0f, u10p6_T)) macro.Due to use of 'FPM_InitFixedPoint_m' macro 100% coverage can not be achieved. ***

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
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\UTP_PSA_CMP_CustBattDiag_Workspace\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

Test Case 1: Metrics Test ✔

Description	Vector Description:

TS1.1"Shortest Path==>if ((FALSE == lowVoltageExtraCryteria_Cnt_T_lgc)=False ||
(*(CustBattDiagNtcConfig_Str[ntc].lowerVoltage_volt_u10p6) <= Voltage_Volts_T_u10p6)=True)&&
(*(CustBattDiagNtcConfig_Str[ntc].lowerWindowThresh_Cnt_u16) <=
ElapsedTime_Cnt_T_u16)=False&&(*(CustBattDiagNtcConfig_Str[ntc].upperVoltage_volt_u10p6) >= Voltage_Volts_T_u10p6))=False&&
(*(CustBattDiagNtcConfig_Str[ntc].upperWindowThresh_Cnt_u16) <= ElapsedTime_Cnt_T_u16)=False"
TS1.2"Longest Path==> ((FALSE == lowVoltageExtraCryteria_Cnt_T_lgc)=False ||
(*(CustBattDiagNtcConfig_Str[ntc].lowerVoltage_volt_u10p6) <= Voltage_Volts_T_u10p6)=False)&&
(*(CustBattDiagNtcConfig_Str[ntc].lowerWindowThresh_Cnt_u16) <=
ElapsedTime_Cnt_T_u16)=True&&(*(CustBattDiagNtcConfig_Str[ntc].upperVoltage_volt_u10p6) >= Voltage_Volts_T_u10p6))=True&&
(*(CustBattDiagNtcConfig_Str[ntc].upperWindowThresh_Cnt_u16) <= ElapsedTime_Cnt_T_u16)=True"

Test Step 1.1 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
target_CustBattDiag_Per1_Batt_Volt_f32.value	24
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	2808
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1124426578
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32
target_lowerVoltage_volt_u10p6	724
target_lowerVoltage_volt_u10p6_2	242
target_lowerVoltage_volt_u10p6_2_3	141
target_lowerVoltage_volt_u10p6_2_3_4	91
target_lowerVoltage_volt_u10p6_2_3_4_5	851
target_lowerVoltage_volt_u10p6_2_3_4_5_6	575
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	240
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	244
target_lowerWindowThresh_Cnt_u16	6494
target_lowerWindowThresh_Cnt_u16_2	30187
target_lowerWindowThresh_Cnt_u16_2_3	62722
target_lowerWindowThresh_Cnt_u16_2_3_4	61838
target_lowerWindowThresh_Cnt_u16_2_3_4_5	61616
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	59983
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	54247
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	13890
target_upperVoltage_volt_u10p6	724

Name	Input Value
target_upperVoltage_volt_u10p6_2	242
target_upperVoltage_volt_u10p6_2_3	141
target_upperVoltage_volt_u10p6_2_3_4	91
target_upperVoltage_volt_u10p6_2_3_4_5	851
target_upperVoltage_volt_u10p6_2_3_4_5_6	575
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	240
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	244
target_upperWindowThresh_Cnt_u16	0
target_upperWindowThresh_Cnt_u16_2	730
target_upperWindowThresh_Cnt_u16_2_3	18213
target_upperWindowThresh_Cnt_u16_2_3_4	29403
target_upperWindowThresh_Cnt_u16_2_3_4_5	3688
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	23351
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	21050
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	48508

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	1124426578	1124426578	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	1124426578	1124426578	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 1.2 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7

Name	Input Value
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
target_CustBattDiag_Per1_Batt_Volt_f32.value	11
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	65535
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1468581337
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32
target_lowerVoltage_volt_u10p6	431
target_lowerVoltage_volt_u10p6_2	487
target_lowerVoltage_volt_u10p6_2_3	876
target_lowerVoltage_volt_u10p6_2_3_4	800
target_lowerVoltage_volt_u10p6_2_3_4_5	140
target_lowerVoltage_volt_u10p6_2_3_4_5_6	274
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	711
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	623
target_lowerWindowThresh_Cnt_u16	5489
target_lowerWindowThresh_Cnt_u16_2	47635
target_lowerWindowThresh_Cnt_u16_2_3	33099
target_lowerWindowThresh_Cnt_u16_2_3_4	54883
target_lowerWindowThresh_Cnt_u16_2_3_4_5	26263
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	64164
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	46990
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	12545
target_upperVoltage_volt_u10p6	431
target_upperVoltage_volt_u10p6_2	487
target_upperVoltage_volt_u10p6_2_3	876
target_upperVoltage_volt_u10p6_2_3_4	800
target_upperVoltage_volt_u10p6_2_3_4_5	140
target_upperVoltage_volt_u10p6_2_3_4_5_6	274
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	711
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	623
target_upperWindowThresh_Cnt_u16	45654
target_upperWindowThresh_Cnt_u16_2	20201
target_upperWindowThresh_Cnt_u16_2_3	58
target_upperWindowThresh_Cnt_u16_2_3_4	4487
target_upperWindowThresh_Cnt_u16_2_3_4_5	12281
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	61087
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	41296
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	26456

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	1124426578	1124426578	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1468581337	1468581337	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	1468581337	1468581337	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Case 2: Range Test ✔

Description	Vector Description:

TS2.1All Min
TS2.2All Max
TS2.3Batt_Volt_f32==>Min
TS2.4Batt_Volt_f32==>Max
TS2.5Batt_Volt_f32==>Pos
TS2.6 Rte_Call_SystemTime_GetSystemTime_mS_u32==>Min
TS2.7 Rte_Call_SystemTime_GetSystemTime_mS_u32==>Max
TS2.8 Rte_Call_SystemTime_GetSystemTime_mS_u32==>Pos

Test Step 2.1 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
target_CustBattDiag_Per1_Batt_Volt_f32.value	5
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	0
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32
target_lowerVoltage_volt_u10p6	0

Name	Input Value
target_lowerVoltage_volt_u10p6_2	0
target_lowerVoltage_volt_u10p6_2_3	0
target_lowerVoltage_volt_u10p6_2_3_4	0
target_lowerVoltage_volt_u10p6_2_3_4_5	0
target_lowerVoltage_volt_u10p6_2_3_4_5_6	0
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	0
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	0
target_lowerWindowThresh_Cnt_u16	0
target_lowerWindowThresh_Cnt_u16_2	0
target_lowerWindowThresh_Cnt_u16_2_3	0
target_lowerWindowThresh_Cnt_u16_2_3_4	0
target_lowerWindowThresh_Cnt_u16_2_3_4_5	0
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	0
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	0
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	0
target_upperVoltage_volt_u10p6	0
target_upperVoltage_volt_u10p6_2	0
target_upperVoltage_volt_u10p6_2_3	0
target_upperVoltage_volt_u10p6_2_3_4	0
target_upperVoltage_volt_u10p6_2_3_4_5	0
target_upperVoltage_volt_u10p6_2_3_4_5_6	0
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	0
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	0
target_upperWindowThresh_Cnt_u16	0
target_upperWindowThresh_Cnt_u16_2	0
target_upperWindowThresh_Cnt_u16_2_3	0
target_upperWindowThresh_Cnt_u16_2_3_4	0
target_upperWindowThresh_Cnt_u16_2_3_4_5	0
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	0
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	0
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	0

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	0	0	✔

Test Step Call Trace   ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.2 (Repeat Count = 1)   ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2

Name	Input Value
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
target_CustBattDiag_Per1_Batt_Volt_f32.value	31
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap	65535
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	4294967295
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32
target_lowerVoltage_volt_u10p6	65535
target_lowerVoltage_volt_u10p6_2	65535
target_lowerVoltage_volt_u10p6_2_3	65535
target_lowerVoltage_volt_u10p6_2_3_4	65535
target_lowerVoltage_volt_u10p6_2_3_4_5	65535
target_lowerVoltage_volt_u10p6_2_3_4_5_6	65535
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	65535
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	65535
target_lowerWindowThresh_Cnt_u16	65535
target_lowerWindowThresh_Cnt_u16_2	65535
target_lowerWindowThresh_Cnt_u16_2_3	65535
target_lowerWindowThresh_Cnt_u16_2_3_4	65535
target_lowerWindowThresh_Cnt_u16_2_3_4_5	65535
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	65535
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	65535
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	65535
target_upperVoltage_volt_u10p6	65535
target_upperVoltage_volt_u10p6_2	65535
target_upperVoltage_volt_u10p6_2_3	65535
target_upperVoltage_volt_u10p6_2_3_4	65535
target_upperVoltage_volt_u10p6_2_3_4_5	65535
target_upperVoltage_volt_u10p6_2_3_4_5_6	65535
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	65535
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	65535
target_upperWindowThresh_Cnt_u16	65535
target_upperWindowThresh_Cnt_u16_2	65535
target_upperWindowThresh_Cnt_u16_2_3	65535
target_upperWindowThresh_Cnt_u16_2_3_4	65535
target_upperWindowThresh_Cnt_u16_2_3_4_5	65535
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	65535
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	65535
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	65535

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	✔

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	4294967295	4294967295	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	4294967295	4294967295	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.3 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
target_CustBattDiag_Per1_Batt_Volt_f32.value	5
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	34399
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	2328168258
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32

Name	Input Value
target_lowerVoltage_volt_u10p6	23612
target_lowerVoltage_volt_u10p6_2	8987
target_lowerVoltage_volt_u10p6_2_3	7265
target_lowerVoltage_volt_u10p6_2_3_4	50434
target_lowerVoltage_volt_u10p6_2_3_4_5	766
target_lowerVoltage_volt_u10p6_2_3_4_5_6	31502
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	57393
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	13949
target_lowerWindowThresh_Cnt_u16	42618
target_lowerWindowThresh_Cnt_u16_2	26486
target_lowerWindowThresh_Cnt_u16_2_3	60666
target_lowerWindowThresh_Cnt_u16_2_3_4	28943
target_lowerWindowThresh_Cnt_u16_2_3_4_5	7073
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	64673
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	7284
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	6567
target_upperVoltage_volt_u10p6	23612
target_upperVoltage_volt_u10p6_2	8987
target_upperVoltage_volt_u10p6_2_3	7265
target_upperVoltage_volt_u10p6_2_3_4	50434
target_upperVoltage_volt_u10p6_2_3_4_5	766
target_upperVoltage_volt_u10p6_2_3_4_5_6	31502
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	57393
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	13949
target_upperWindowThresh_Cnt_u16	50942
target_upperWindowThresh_Cnt_u16_2	63439
target_upperWindowThresh_Cnt_u16_2_3	13099
target_upperWindowThresh_Cnt_u16_2_3_4	17918
target_upperWindowThresh_Cnt_u16_2_3_4_5	52478
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	35414
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	47575
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	61662

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	2328168258	2328168258	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2328168258	2328168258	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.4 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2

Name	Input Value
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
target_CustBattDiag_Per1_Batt_Volt_f32.value	31
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	53143
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3513169172
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32
target_lowerVoltage_volt_u10p6	60908
target_lowerVoltage_volt_u10p6_2	39484
target_lowerVoltage_volt_u10p6_2_3	7701
target_lowerVoltage_volt_u10p6_2_3_4	55447
target_lowerVoltage_volt_u10p6_2_3_4_5	46351
target_lowerVoltage_volt_u10p6_2_3_4_5_6	64601
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	20105
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	37226
target_lowerWindowThresh_Cnt_u16	65510
target_lowerWindowThresh_Cnt_u16_2	15790
target_lowerWindowThresh_Cnt_u16_2_3	45688
target_lowerWindowThresh_Cnt_u16_2_3_4	25844
target_lowerWindowThresh_Cnt_u16_2_3_4_5	20313
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	1288
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	14009
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	28032
target_upperVoltage_volt_u10p6	60908
target_upperVoltage_volt_u10p6_2	39484
target_upperVoltage_volt_u10p6_2_3	7701
target_upperVoltage_volt_u10p6_2_3_4	55447
target_upperVoltage_volt_u10p6_2_3_4_5	46351
target_upperVoltage_volt_u10p6_2_3_4_5_6	64601
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	20105
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	37226
target_upperWindowThresh_Cnt_u16	62097
target_upperWindowThresh_Cnt_u16_2	60747
target_upperWindowThresh_Cnt_u16_2_3	36278
target_upperWindowThresh_Cnt_u16_2_3_4	40970
target_upperWindowThresh_Cnt_u16_2_3_4_5	15294
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	20862
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	32245
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	44317

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	0	0	✓

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	3513169172	3513169172	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	3513169172	3513169172	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	0	0	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✔	
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔	
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔	

Test Step 2.5 (Repeat Count = 1)		✔
Name	**Input Value**	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag	
k_LOIDetect_Volts_u10p6	0	
k_LOINotDetect_Volts_u10p6	0	
target_CustBattDiag_Per1_Batt_Volt_f32.value	5	
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap	58400	
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	589552193	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32	
target_lowerVoltage_volt_u10p6	58163	
target_lowerVoltage_volt_u10p6_2	60191	

Name	Input Value
target_lowerVoltage_volt_u10p6_2_3	50872
target_lowerVoltage_volt_u10p6_2_3_4	711
target_lowerVoltage_volt_u10p6_2_3_4_5	35354
target_lowerVoltage_volt_u10p6_2_3_4_5_6	10806
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	14436
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	26475
target_lowerWindowThresh_Cnt_u16	1843
target_lowerWindowThresh_Cnt_u16_2	16186
target_lowerWindowThresh_Cnt_u16_2_3	22193
target_lowerWindowThresh_Cnt_u16_2_3_4	2011
target_lowerWindowThresh_Cnt_u16_2_3_4_5	63806
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	14042
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	38485
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	47566
target_upperVoltage_volt_u10p6	58163
target_upperVoltage_volt_u10p6_2	60191
target_upperVoltage_volt_u10p6_2_3	50872
target_upperVoltage_volt_u10p6_2_3_4	711
target_upperVoltage_volt_u10p6_2_3_4_5	35354
target_upperVoltage_volt_u10p6_2_3_4_5_6	10806
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	14436
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	26475
target_upperWindowThresh_Cnt_u16	37082
target_upperWindowThresh_Cnt_u16_2	1841
target_upperWindowThresh_Cnt_u16_2_3	28186
target_upperWindowThresh_Cnt_u16_2_3_4	39285
target_upperWindowThresh_Cnt_u16_2_3_4_5	13247
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	18213
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	27040
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	57991

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.6 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2

Name	Input Value
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
target_CustBattDiag_Per1_Batt_Volt_f32.value	14
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	11921
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	0
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32
target_lowerVoltage_volt_u10p6	51590
target_lowerVoltage_volt_u10p6_2	51412
target_lowerVoltage_volt_u10p6_2_3	15665
target_lowerVoltage_volt_u10p6_2_3_4	41507
target_lowerVoltage_volt_u10p6_2_3_4_5	44977
target_lowerVoltage_volt_u10p6_2_3_4_5_6	61333
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	58191
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	5031
target_lowerWindowThresh_Cnt_u16	21611
target_lowerWindowThresh_Cnt_u16_2	37720
target_lowerWindowThresh_Cnt_u16_2_3	44599
target_lowerWindowThresh_Cnt_u16_2_3_4	39178
target_lowerWindowThresh_Cnt_u16_2_3_4_5	2133
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	18040
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	3839
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	59650
target_upperVoltage_volt_u10p6	51590
target_upperVoltage_volt_u10p6_2	51412
target_upperVoltage_volt_u10p6_2_3	15665
target_upperVoltage_volt_u10p6_2_3_4	41507
target_upperVoltage_volt_u10p6_2_3_4_5	44977
target_upperVoltage_volt_u10p6_2_3_4_5_6	61333
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	58191
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	5031
target_upperWindowThresh_Cnt_u16	8811
target_upperWindowThresh_Cnt_u16_2	21591
target_upperWindowThresh_Cnt_u16_2_3	65509
target_upperWindowThresh_Cnt_u16_2_3_4	46619
target_upperWindowThresh_Cnt_u16_2_3_4_5	51504
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	59328
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	2281
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	17713

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	0	0	✓

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	0	0	✔

Test Step Call Trace   ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.7 (Repeat Count = 1)   ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
target_CustBattDiag_Per1_Batt_Volt_f32.value	23
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	48445
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	4294967295
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32
target_lowerVoltage_volt_u10p6	49504
target_lowerVoltage_volt_u10p6_2	31066
target_lowerVoltage_volt_u10p6_2_3	8274
target_lowerVoltage_volt_u10p6_2_3_4	48816
target_lowerVoltage_volt_u10p6_2_3_4_5	57043
target_lowerVoltage_volt_u10p6_2_3_4_5_6	34267
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	41681

Name	Input Value
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	20824
target_lowerWindowThresh_Cnt_u16	6004
target_lowerWindowThresh_Cnt_u16_2	33570
target_lowerWindowThresh_Cnt_u16_2_3	54970
target_lowerWindowThresh_Cnt_u16_2_3_4	49211
target_lowerWindowThresh_Cnt_u16_2_3_4_5	41973
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	5372
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	15850
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	48854
target_upperVoltage_volt_u10p6	49504
target_upperVoltage_volt_u10p6_2	31066
target_upperVoltage_volt_u10p6_2_3	8274
target_upperVoltage_volt_u10p6_2_3_4	48816
target_upperVoltage_volt_u10p6_2_3_4_5	57043
target_upperVoltage_volt_u10p6_2_3_4_5_6	34267
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	41681
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	20824
target_upperWindowThresh_Cnt_u16	60364
target_upperWindowThresh_Cnt_u16_2	35990
target_upperWindowThresh_Cnt_u16_2_3	21839
target_upperWindowThresh_Cnt_u16_2_3_4	20984
target_upperWindowThresh_Cnt_u16_2_3_4_5	19795
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	46577
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	50801
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	56723

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	4294967295	4294967295	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	4294967295	4294967295	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.8 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4

Name	Input Value
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
target_CustBattDiag_Per1_Batt_Volt_f32.value	9
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	36426
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	276253625
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32
target_lowerVoltage_volt_u10p6	35939
target_lowerVoltage_volt_u10p6_2	58414
target_lowerVoltage_volt_u10p6_2_3	2131
target_lowerVoltage_volt_u10p6_2_3_4	32597
target_lowerVoltage_volt_u10p6_2_3_4_5	11937
target_lowerVoltage_volt_u10p6_2_3_4_5_6	61857
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	64894
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	31256
target_lowerWindowThresh_Cnt_u16	59458
target_lowerWindowThresh_Cnt_u16_2	46504
target_lowerWindowThresh_Cnt_u16_2_3	25558
target_lowerWindowThresh_Cnt_u16_2_3_4	26205
target_lowerWindowThresh_Cnt_u16_2_3_4_5	32999
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	39254
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	27800
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	23400
target_upperVoltage_volt_u10p6	35939
target_upperVoltage_volt_u10p6_2	58414
target_upperVoltage_volt_u10p6_2_3	2131
target_upperVoltage_volt_u10p6_2_3_4	32597
target_upperVoltage_volt_u10p6_2_3_4_5	11937
target_upperVoltage_volt_u10p6_2_3_4_5_6	61857
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	64894
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	31256
target_upperWindowThresh_Cnt_u16	41743
target_upperWindowThresh_Cnt_u16_2	5837
target_upperWindowThresh_Cnt_u16_2_3	13899
target_upperWindowThresh_Cnt_u16_2_3_4	11487
target_upperWindowThresh_Cnt_u16_2_3_4_5	27680
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	33168
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	5864
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	42334

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	276253625	276253625	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	276253625	276253625	✔

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	0	0	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✔	
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔	
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔	

Project	CustBattDiag
Module	CustBattDiag
Test Object	CustBattDiag_Per2

Instrumentation: Test Object Only

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

Statistics

Total Testcases	2
Successful	2 ✔
Failed	0
Not Executed	0

Comments/Description/Specification

Name	Text
Module 'CustBattDiag'	*************************Unit Test Information******************************* Name of Tester: Chandrakanth Sheegi Code File(s) Under Test:Ap_CustBattDiag.c Code File(s) Version:5 Module Design Document:CustomerBattDiagnostic_MDD.docx Module Design Document Version:2 Data Dictionary Version: 3 Unit Test Plan Version:5 Optimization Level:Ogeneral Compiler (CodeGen) Version: TMS470_4.9.5 Model Type:None Model Version:Nexteer EPS Unit Test Tool 1.0 Total FLASH Used (Bytes):906 Total RAM Used (Bytes):64 Total CALS Used (Bytes):88 Special Test Requirements:NA Test Date:5/17/2018 Comments: "NOTE 1: Inline functions defined in GlobalMacro.h are not unit tested. NOTE 2: ""CBD_Sandbox_dbg.map"" map file is embedded for reference. NOTE 3: In function "CustBattDiag_GetImaginaryIgnVoltage" 'D_IMAGINARY_IGN_ON_VOLTS_U10P6' , 'D_IMAGINARY_IGN_UNKNWN_VOLTS_U10P6'and 'D_IMAGINARY_IGN_OFF_VOLTS_U10P6' constants are used, these constants are defined as (FPM_InitFixedPoint_m(6.0f, u10p6_T)) macro.Due to use of 'FPM_InitFixedPoint_m' macro 100% coverage can not be achieved. **

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
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\UTP_PSA_CMP_CustBattDiag_Workspace\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

Test Case 1: Metrics Test ✔

Description	Vector Description:

TS1.1"Shortest Path==>(TRUE == CTerm_Cnt_T_lgc)=False&&(SttdSelcted_Cnt_T_lgc == FALSE)=False&&(EpsEn_Cnt_T_lgc == TRUE)=True&& ((FALSE == lowVoltageExtraCryteria_Cnt_T_lgc) =False||
(*(CustBattDiagNtcConfig_Str[ntc].lowerVoltage_volt_u10p6) <=
Voltage_Volts_T_u10p6))=False&&(*(CustBattDiagNtcConfig_Str[ntc].upperVoltage_volt_u10p6) >= Voltage_Volts_T_u10p6))=True"
TS1.2"Longest Path==>((TRUE == CTerm_Cnt_T_lgc) =True&&
(uint8)kDMD_DELEST_DA_Not_Requested == DmdDelest_Cnt_T_u08)=True&&(ValidEngineStatus_Cnt_T_lgc == FALSE)
=True&&(ValidEngineStatus_Cnt_T_lgc == FALSE) =True&&(ValidEngineStatus_Cnt_T_lgc == FALSE)=True&&(SttdSelcted_Cnt_T_lgc ==
FALSE)=True&&(SttdSelcted_Cnt_T_lgc == FALSE)=False&&(EpsEn_Cnt_T_lgc == TRUE)=False&& ((FALSE ==
lowVoltageExtraCryteria_Cnt_T_lgc)=False ||
(*(CustBattDiagNtcConfig_Str[ntc].lowerVoltage_volt_u10p6) <= Voltage_Volts_T_u10p6))=True"

Test Step 1.1 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2
k_CustBattDiagLOlspd_kph_f32	26.6764164
k_CustBattDiaghispd_kph_f32	497.013062
k_CustBattDiaglospd_kph_f32	483.438477
target_CustBattDiag_Per2_Batt_Volt_f32.value	5
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	0
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	1
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	1
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	67.4704819
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	424818518
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_CTerm_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc

Name	Input Value
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32
target_lowerVoltage_volt_u10p6	262
target_lowerVoltage_volt_u10p6_2	764
target_lowerVoltage_volt_u10p6_2_3	546
target_lowerVoltage_volt_u10p6_2_3_4	838
target_lowerVoltage_volt_u10p6_2_3_4_5	281
target_lowerVoltage_volt_u10p6_2_3_4_5_6	800
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	942
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	661
target_lowerWindowThresh_Cnt_u16	39651
target_lowerWindowThresh_Cnt_u16_2	42118
target_lowerWindowThresh_Cnt_u16_2_3	45279
target_lowerWindowThresh_Cnt_u16_2_3_4	55265
target_lowerWindowThresh_Cnt_u16_2_3_4_5	4658
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	35760
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	48484
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	46217
target_upperVoltage_volt_u10p6	633
target_upperVoltage_volt_u10p6_2	147
target_upperVoltage_volt_u10p6_2_3	336
target_upperVoltage_volt_u10p6_2_3_4	145
target_upperVoltage_volt_u10p6_2_3_4_5	126
target_upperVoltage_volt_u10p6_2_3_4_5_6	432
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	143
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	883
target_upperWindowThresh_Cnt_u16	42064
target_upperWindowThresh_Cnt_u16_2	51058
target_upperWindowThresh_Cnt_u16_2_3	55265
target_upperWindowThresh_Cnt_u16_2_3_4	12207
target_upperWindowThresh_Cnt_u16_2_3_4_5	14862
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	4635
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	34285
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	56338

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	424818518	424818518	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	424818518	424818518	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	424818518	424818518	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	424818518	424818518	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	424818518	424818518	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	424818518	424818518	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	424818518	424818518	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	✔
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	✔
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 1.2 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2
k_CustBattDiagLOlspd_kph_f32	196.132172
k_CustBattDiaghispd_kph_f32	298.896301
k_CustBattDiaglospd_kph_f32	283.113831
target_CustBattDiag_Per2_Batt_Volt_f32.value	11.0479345
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	1
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	0
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	11
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	144.277695
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	2162176534
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_CTerm_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32
target_lowerVoltage_volt_u10p6	704
target_lowerVoltage_volt_u10p6_2	517
target_lowerVoltage_volt_u10p6_2_3	240
target_lowerVoltage_volt_u10p6_2_3_4	697
target_lowerVoltage_volt_u10p6_2_3_4_5	444
target_lowerVoltage_volt_u10p6_2_3_4_5_6	166
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	179
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	111
target_lowerWindowThresh_Cnt_u16	23906
target_lowerWindowThresh_Cnt_u16_2	65535

Name	Input Value
target_lowerWindowThresh_Cnt_u16_2_3	12697
target_lowerWindowThresh_Cnt_u16_2_3_4	45077
target_lowerWindowThresh_Cnt_u16_2_3_4_5	60439
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	41621
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	37465
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	30041
target_upperVoltage_volt_u10p6	602
target_upperVoltage_volt_u10p6_2	341
target_upperVoltage_volt_u10p6_2_3	69
target_upperVoltage_volt_u10p6_2_3_4	135
target_upperVoltage_volt_u10p6_2_3_4_5	678
target_upperVoltage_volt_u10p6_2_3_4_5_6	91
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	119
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	18
target_upperWindowThresh_Cnt_u16	21656
target_upperWindowThresh_Cnt_u16_2	6642
target_upperWindowThresh_Cnt_u16_2_3	45077
target_upperWindowThresh_Cnt_u16_2_3_4	17778
target_upperWindowThresh_Cnt_u16_2_3_4_5	4436
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	2790
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	11152
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	37435

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	2162176534	2162176534	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	424818518	424818518	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2162176534	2162176534	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2162176534	2162176534	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	424818518	424818518	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	2162176534	2162176534	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2162176534	2162176534	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2162176534	2162176534	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	424818518	424818518	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	✔
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	✔
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Case 2: Range Test ✔

Description	Vector Description:

TS2.1All Min
TS2.2All Max
TS2.3Batt_Volt_f32==>Min
TS2.4Batt_Volt_f32==>Max
TS2.5Batt_Volt_f32==>Pos
TS2.6VehicleSpeed_Kph_f32==>Min
TS2.7VehicleSpeed_Kph_f32==>Max
TS2.8VehicleSpeed_Kph_f32==>Pos
TS2.9EngOn_Cnt_lgc==>Min
TS2.10EngOn_Cnt_lgc==>Max
TS2.11EtatMT_Cnt_u08==>Min
TS2.12EtatMT_Cnt_u08==>Max
TS2.13EtatMT_Cnt_u08==>Pos
TS2.14SttdSelected_Cnt_lgc==>Min
TS2.15SttdSelected_Cnt_lgc==>Max
TS2.16ValidEngineStatus_Cnt_lgc==>Min
TS2.17ValidEngineStatus_Cnt_lgc==>Max
TS2.18VehicleSpeedValid_Cnt_lgc==>Min
TS2.19VehicleSpeedValid_Cnt_lgc==>Max
TS2.20CTerm_Cnt_lgc==>Min
TS2.21CTerm_Cnt_lgc==>Max
TS2.22DmdDelestDa_Cnt_u08==>Min
TS2.23DmdDelestDa_Cnt_u08==>Max
TS2.24DmdDelestDa_Cnt_u08==>Pos
TS2.25Rte_Mode_SystemState_Mode==>RTE_MODE_StaMd_Mode_DISABLE
TS2.26Rte_Mode_SystemState_Mode==>RTE_MODE_StaMd_Mode_OFF
TS2.27Rte_Mode_SystemState_Mode==>RTE_MODE_StaMd_Mode_OPERATE
TS2.28Rte_Mode_SystemState_Mode==>RTE_MODE_StaMd_Mode_WARMINIT
TS2.29Rte_Mode_SystemState_Mode==>RTE_TRANSITION_StaMd_Mode
TS2.30Rte_Call_NxtrDiagMgr_GetNTCFailed[3]==>Min
TS2.31Rte_Call_NxtrDiagMgr_GetNTCFailed[3]==>Max
TS2.32Rte_Call_NxtrDiagMgr_GetNTCFailed[3]==>Pos
TS2.33k_CustBattDiaghispd_kph_f32==>Min
TS2.34k_CustBattDiaghispd_kph_f32==>Max
TS2.35k_CustBattDiaghispd_kph_f32==>Pos/Default
TS2.36k_CustBattDiaglospd_kph_f32==>Min
TS2.37k_CustBattDiaglospd_kph_f32==>Max
TS2.38k_CustBattDiaglospd_kph_f32==>Pos/Default

Test Step 2.1 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	0

Name	Input Value
k_CustBattDiagLOIspd_kph_f32	0
k_CustBattDiaghispd_kph_f32	0
k_CustBattDiaglospd_kph_f32	0
target_CustBattDiag_Per2_Batt_Volt_f32.value	5
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	0
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	0
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	0
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	0
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	0
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_CTerm_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32
target_lowerVoltage_volt_u10p6	0
target_lowerVoltage_volt_u10p6_2	0
target_lowerVoltage_volt_u10p6_2_3	0
target_lowerVoltage_volt_u10p6_2_3_4	0
target_lowerVoltage_volt_u10p6_2_3_4_5	0
target_lowerVoltage_volt_u10p6_2_3_4_5_6	0
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	0
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	0
target_lowerWindowThresh_Cnt_u16	0
target_lowerWindowThresh_Cnt_u16_2	0
target_lowerWindowThresh_Cnt_u16_2_3	0
target_lowerWindowThresh_Cnt_u16_2_3_4	0
target_lowerWindowThresh_Cnt_u16_2_3_4_5	0
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	0
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	0
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	0
target_upperVoltage_volt_u10p6	0
target_upperVoltage_volt_u10p6_2	0
target_upperVoltage_volt_u10p6_2_3	0
target_upperVoltage_volt_u10p6_2_3_4	0
target_upperVoltage_volt_u10p6_2_3_4_5	0
target_upperVoltage_volt_u10p6_2_3_4_5_6	0
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	0
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	0
target_upperWindowThresh_Cnt_u16	0
target_upperWindowThresh_Cnt_u16_2	0
target_upperWindowThresh_Cnt_u16_2_3	0
target_upperWindowThresh_Cnt_u16_2_3_4	0
target_upperWindowThresh_Cnt_u16_2_3_4_5	0
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	0
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	0
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	0

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	✔
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	✔
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.2 (Repeat Count = 1)		✔
Name	**Input Value**	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	

Name	Input Value
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4
k_CustBattDiagLOIspd_kph_f32	512
k_CustBattDiaghispd_kph_f32	512
k_CustBattDiaglospd_kph_f32	512
target_CustBattDiag_Per2_Batt_Volt_f32.value	31
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	1
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	1
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	15
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	512
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	4294967295
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_CTerm_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32
target_lowerVoltage_volt_u10p6	1023
target_lowerVoltage_volt_u10p6_2	1023
target_lowerVoltage_volt_u10p6_2_3	1023
target_lowerVoltage_volt_u10p6_2_3_4	1023
target_lowerVoltage_volt_u10p6_2_3_4_5	1023
target_lowerVoltage_volt_u10p6_2_3_4_5_6	1023
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	1023
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	1023
target_lowerWindowThresh_Cnt_u16	65535
target_lowerWindowThresh_Cnt_u16_2	65535
target_lowerWindowThresh_Cnt_u16_2_3	65535
target_lowerWindowThresh_Cnt_u16_2_3_4	65535
target_lowerWindowThresh_Cnt_u16_2_3_4_5	65535
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	65535
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	65535
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	65535
target_upperVoltage_volt_u10p6	65535
target_upperVoltage_volt_u10p6_2	65535
target_upperVoltage_volt_u10p6_2_3	65535
target_upperVoltage_volt_u10p6_2_3_4	65535
target_upperVoltage_volt_u10p6_2_3_4_5	65535
target_upperVoltage_volt_u10p6_2_3_4_5_6	65535
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	65535
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	65535
target_upperWindowThresh_Cnt_u16	65535
target_upperWindowThresh_Cnt_u16_2	65535
target_upperWindowThresh_Cnt_u16_2_3	65535
target_upperWindowThresh_Cnt_u16_2_3_4	65535
target_upperWindowThresh_Cnt_u16_2_3_4_5	65535
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	65535
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	65535
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	65535

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	4294967295	4294967295	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	4294967295	4294967295	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	4294967295	4294967295	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	4294967295	4294967295	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	4294967295	4294967295	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	4294967295	4294967295	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	✔

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	4294967295	4294967295	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	4294967295	4294967295	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	4294967295	4294967295	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	✔
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	✔
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.3 (Repeat Count = 1)		✔
Name	**Input Value**	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2	
k_CustBattDiagLOlspd_kph_f32	26.6764164	
k_CustBattDiaghispd_kph_f32	497.013062	
k_CustBattDiaglospd_kph_f32	483.438477	
target_CustBattDiag_Per2_Batt_Volt_f32.value	5	
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	0	

Name	Input Value
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	1
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	1
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	67.4704819
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	424818518
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_CTerm_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32
target_lowerVoltage_volt_u10p6	262
target_lowerVoltage_volt_u10p6_2	764
target_lowerVoltage_volt_u10p6_2_3	546
target_lowerVoltage_volt_u10p6_2_3_4	838
target_lowerVoltage_volt_u10p6_2_3_4_5	281
target_lowerVoltage_volt_u10p6_2_3_4_5_6	800
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	942
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	661
target_lowerWindowThresh_Cnt_u16	39651
target_lowerWindowThresh_Cnt_u16_2	42118
target_lowerWindowThresh_Cnt_u16_2_3	45279
target_lowerWindowThresh_Cnt_u16_2_3_4	55265
target_lowerWindowThresh_Cnt_u16_2_3_4_5	4658
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	35760
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	48484
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	46217
target_upperVoltage_volt_u10p6	40571
target_upperVoltage_volt_u10p6_2	9430
target_upperVoltage_volt_u10p6_2_3	21542
target_upperVoltage_volt_u10p6_2_3_4	9320
target_upperVoltage_volt_u10p6_2_3_4_5	8122
target_upperVoltage_volt_u10p6_2_3_4_5_6	27675
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	9153
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	56572
target_upperWindowThresh_Cnt_u16	42064
target_upperWindowThresh_Cnt_u16_2	51058
target_upperWindowThresh_Cnt_u16_2_3	55265
target_upperWindowThresh_Cnt_u16_2_3_4	12207
target_upperWindowThresh_Cnt_u16_2_3_4_5	14862
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	4635
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	34285
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	56338

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	424818518	424818518	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	424818518	424818518	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	424818518	424818518	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	424818518	424818518	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	424818518	424818518	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	424818518	424818518	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	424818518	424818518	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	424818518	424818518	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	424818518	424818518	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	✔
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	✔
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.4 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	3
k_CustBattDiagLOIspd_kph_f32	267.282623
k_CustBattDiaghispd_kph_f32	450.106079
k_CustBattDiaglospd_kph_f32	238.088531
target_CustBattDiag_Per2_Batt_Volt_f32.value	31
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	1
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	1
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	13
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	248.564163
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0

Name	Input Value
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1023242794
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_CTerm_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32
target_lowerVoltage_volt_u10p6	357
target_lowerVoltage_volt_u10p6_2	505
target_lowerVoltage_volt_u10p6_2_3	710
target_lowerVoltage_volt_u10p6_2_3_4	594
target_lowerVoltage_volt_u10p6_2_3_4_5	783
target_lowerVoltage_volt_u10p6_2_3_4_5_6	186
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	471
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	395
target_lowerWindowThresh_Cnt_u16	19898
target_lowerWindowThresh_Cnt_u16_2	8059
target_lowerWindowThresh_Cnt_u16_2_3	28454
target_lowerWindowThresh_Cnt_u16_2_3_4	54325
target_lowerWindowThresh_Cnt_u16_2_3_4_5	53587
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	14448
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	37361
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	41092
target_upperVoltage_volt_u10p6	40541
target_upperVoltage_volt_u10p6_2	12929
target_upperVoltage_volt_u10p6_2_3	46579
target_upperVoltage_volt_u10p6_2_3_4	63027
target_upperVoltage_volt_u10p6_2_3_4_5	4306
target_upperVoltage_volt_u10p6_2_3_4_5_6	21286
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	18918
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	7441
target_upperWindowThresh_Cnt_u16	61315
target_upperWindowThresh_Cnt_u16_2	47883
target_upperWindowThresh_Cnt_u16_2_3	54325
target_upperWindowThresh_Cnt_u16_2_3_4	12146
target_upperWindowThresh_Cnt_u16_2_3_4_5	42776
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	27740
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	64224
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	15261

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1023242794	1023242794	✓
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1023242794	1023242794	✓
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	1023242794	1023242794	✓
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	1023242794	1023242794	✓
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	1023242794	1023242794	✓
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	1023242794	1023242794	✓
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	1023242794	1023242794	✓
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	1023242794	1023242794	✓
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1023242794	1023242794	✓

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	✔
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	✔
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.5 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	3
k_CustBattDiagLOIspd_kph_f32	157.935211
k_CustBattDiaghispd_kph_f32	253.807526
k_CustBattDiaglospd_kph_f32	108.502533
target_CustBattDiag_Per2_Batt_Volt_f32.value	10.8097849
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	1
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	1
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	12
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	119.058182
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1

Name	Input Value
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1980048293
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_CTerm_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32
target_lowerVoltage_volt_u10p6	376
target_lowerVoltage_volt_u10p6_2	301
target_lowerVoltage_volt_u10p6_2_3	148
target_lowerVoltage_volt_u10p6_2_3_4	905
target_lowerVoltage_volt_u10p6_2_3_4_5	580
target_lowerVoltage_volt_u10p6_2_3_4_5_6	791
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	657
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	568
target_lowerWindowThresh_Cnt_u16	64132
target_lowerWindowThresh_Cnt_u16_2	9293
target_lowerWindowThresh_Cnt_u16_2_3	57055
target_lowerWindowThresh_Cnt_u16_2_3_4	14651
target_lowerWindowThresh_Cnt_u16_2_3_4_5	39027
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	2568
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	60950
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	64802
target_upperVoltage_volt_u10p6	23511
target_upperVoltage_volt_u10p6_2	10854
target_upperVoltage_volt_u10p6_2_3	14225
target_upperVoltage_volt_u10p6_2_3_4	52540
target_upperVoltage_volt_u10p6_2_3_4_5	15906
target_upperVoltage_volt_u10p6_2_3_4_5_6	40218
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	49733
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	46852
target_upperWindowThresh_Cnt_u16	34574
target_upperWindowThresh_Cnt_u16_2	31178
target_upperWindowThresh_Cnt_u16_2_3	14651
target_upperWindowThresh_Cnt_u16_2_3_4	28934
target_upperWindowThresh_Cnt_u16_2_3_4_5	962
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	11922
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	14202
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	64967

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1980048293	1980048293	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1980048293	1980048293	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	1980048293	1980048293	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	1980048293	1980048293	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	1980048293	1980048293	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	1980048293	1980048293	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1980048293	1980048293	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	1980048293	1980048293	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	1980048293	1980048293	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	1980048293	1980048293	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1980048293	1980048293	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	✔
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	✔
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.6 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4
k_CustBattDiagLOIspd_kph_f32	464.052399
k_CustBattDiaghispd_kph_f32	370.123566
k_CustBattDiaglospd_kph_f32	120.248634
target_CustBattDiag_Per2_Batt_Volt_f32.value	22.2732143
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	1
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	0
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	10
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1

Name	Input Value
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	0
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1664588153
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_CTerm_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32
target_lowerVoltage_volt_u10p6	874
target_lowerVoltage_volt_u10p6_2	623
target_lowerVoltage_volt_u10p6_2_3	973
target_lowerVoltage_volt_u10p6_2_3_4	916
target_lowerVoltage_volt_u10p6_2_3_4_5	666
target_lowerVoltage_volt_u10p6_2_3_4_5_6	517
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	78
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	342
target_lowerWindowThresh_Cnt_u16	12640
target_lowerWindowThresh_Cnt_u16_2	37273
target_lowerWindowThresh_Cnt_u16_2_3	61871
target_lowerWindowThresh_Cnt_u16_2_3_4	56334
target_lowerWindowThresh_Cnt_u16_2_3_4_5	59926
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	123
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	35155
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	60692
target_upperVoltage_volt_u10p6	20412
target_upperVoltage_volt_u10p6_2	15253
target_upperVoltage_volt_u10p6_2_3	20759
target_upperVoltage_volt_u10p6_2_3_4	14964
target_upperVoltage_volt_u10p6_2_3_4_5	40432
target_upperVoltage_volt_u10p6_2_3_4_5_6	52474
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	56110
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	3560
target_upperWindowThresh_Cnt_u16	23292
target_upperWindowThresh_Cnt_u16_2	413
target_upperWindowThresh_Cnt_u16_2_3	56334
target_upperWindowThresh_Cnt_u16_2_3_4	37119
target_upperWindowThresh_Cnt_u16_2_3_4_5	24303
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	48363
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	36389
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	17162

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1664588153	1664588153	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1664588153	1664588153	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	1664588153	1664588153	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	1664588153	1664588153	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	1664588153	1664588153	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	1664588153	1664588153	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1664588153	1664588153	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	1664588153	1664588153	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	1664588153	1664588153	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	1664588153	1664588153	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	1664588153	1664588153	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1664588153	1664588153	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	✔
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	✔
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.7 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	3
k_CustBattDiagLOIspd_kph_f32	290.471466
k_CustBattDiaghispd_kph_f32	391.668396
k_CustBattDiaglospd_kph_f32	313.860718
target_CustBattDiag_Per2_Batt_Volt_f32.value	25.0263004
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	1
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	0
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	4
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0

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Name	Input Value
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	512
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	4234667588
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_CTerm_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32
target_lowerVoltage_volt_u10p6	484
target_lowerVoltage_volt_u10p6_2	287
target_lowerVoltage_volt_u10p6_2_3	120
target_lowerVoltage_volt_u10p6_2_3_4	731
target_lowerVoltage_volt_u10p6_2_3_4_5	721
target_lowerVoltage_volt_u10p6_2_3_4_5_6	832
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	861
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	823
target_lowerWindowThresh_Cnt_u16	1777
target_lowerWindowThresh_Cnt_u16_2	12980
target_lowerWindowThresh_Cnt_u16_2_3	47711
target_lowerWindowThresh_Cnt_u16_2_3_4	53008
target_lowerWindowThresh_Cnt_u16_2_3_4_5	21623
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	57985
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	14687
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	27519
target_upperVoltage_volt_u10p6	49588
target_upperVoltage_volt_u10p6_2	7213
target_upperVoltage_volt_u10p6_2_3	31077
target_upperVoltage_volt_u10p6_2_3_4	17547
target_upperVoltage_volt_u10p6_2_3_4_5	18562
target_upperVoltage_volt_u10p6_2_3_4_5_6	61713
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	12509
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	49260
target_upperWindowThresh_Cnt_u16	34161
target_upperWindowThresh_Cnt_u16_2	7767
target_upperWindowThresh_Cnt_u16_2_3	53008
target_upperWindowThresh_Cnt_u16_2_3_4	28536
target_upperWindowThresh_Cnt_u16_2_3_4_5	28113
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	28976
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	19036
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	40889

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	4234667588	4234667588	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	4234667588	4234667588	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	4234667588	4234667588	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	4234667588	4234667588	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	4234667588	4234667588	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	4234667588	4234667588	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	4234667588	4234667588	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	4234667588	4234667588	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	1664588153	1664588153	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	4234667588	4234667588	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	4234667588	4234667588	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	4234667588	4234667588	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	✔
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	✔
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.8 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2
k_CustBattDiagLOIspd_kph_f32	187.493515
k_CustBattDiaghispd_kph_f32	248.587463
k_CustBattDiaglospd_kph_f32	398.532196
target_CustBattDiag_Per2_Batt_Volt_f32.value	9.27182007
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	0
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	0
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	8
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0

Name	Input Value
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	207.460205
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	4188669751
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_CTerm_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32
target_lowerVoltage_volt_u10p6	579
target_lowerVoltage_volt_u10p6_2	736
target_lowerVoltage_volt_u10p6_2_3	419
target_lowerVoltage_volt_u10p6_2_3_4	346
target_lowerVoltage_volt_u10p6_2_3_4_5	539
target_lowerVoltage_volt_u10p6_2_3_4_5_6	159
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	670
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	32
target_lowerWindowThresh_Cnt_u16	35372
target_lowerWindowThresh_Cnt_u16_2	12364
target_lowerWindowThresh_Cnt_u16_2_3	49073
target_lowerWindowThresh_Cnt_u16_2_3_4	56425
target_lowerWindowThresh_Cnt_u16_2_3_4_5	47784
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	57174
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	891
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	63106
target_upperVoltage_volt_u10p6	27910
target_upperVoltage_volt_u10p6_2	28335
target_upperVoltage_volt_u10p6_2_3	51556
target_upperVoltage_volt_u10p6_2_3_4	54022
target_upperVoltage_volt_u10p6_2_3_4_5	51376
target_upperVoltage_volt_u10p6_2_3_4_5_6	37632
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	65497
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	57113
target_upperWindowThresh_Cnt_u16	34658
target_upperWindowThresh_Cnt_u16_2	15961
target_upperWindowThresh_Cnt_u16_2_3	56425
target_upperWindowThresh_Cnt_u16_2_3_4	42041
target_upperWindowThresh_Cnt_u16_2_3_4_5	4514
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	60773
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	10187
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	20617

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	4188669751	4188669751	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	4188669751	4188669751	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	4188669751	4188669751	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	4188669751	4188669751	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	4188669751	4188669751	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	4188669751	4188669751	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	4234667588	4234667588	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	4234667588	4234667588	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	1664588153	1664588153	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	4188669751	4188669751	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	4188669751	4188669751	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	4188669751	4188669751	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	✔
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	✔
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.9 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4
k_CustBattDiagLOIspd_kph_f32	251.419098
k_CustBattDiaghispd_kph_f32	55.9911919
k_CustBattDiaglospd_kph_f32	440.437439
target_CustBattDiag_Per2_Batt_Volt_f32.value	19.7072048
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	0
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	0
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	5
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	452.458527
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0

Name	Input Value
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1935504216
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_CTerm_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32
target_lowerVoltage_volt_u10p6	843
target_lowerVoltage_volt_u10p6_2	926
target_lowerVoltage_volt_u10p6_2_3	223
target_lowerVoltage_volt_u10p6_2_3_4	708
target_lowerVoltage_volt_u10p6_2_3_4_5	592
target_lowerVoltage_volt_u10p6_2_3_4_5_6	1003
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	740
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	28
target_lowerWindowThresh_Cnt_u16	33415
target_lowerWindowThresh_Cnt_u16_2	62997
target_lowerWindowThresh_Cnt_u16_2_3	32138
target_lowerWindowThresh_Cnt_u16_2_3_4	29789
target_lowerWindowThresh_Cnt_u16_2_3_4_5	55880
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	55403
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	53430
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	14153
target_upperVoltage_volt_u10p6	479
target_upperVoltage_volt_u10p6_2	27214
target_upperVoltage_volt_u10p6_2_3	24759
target_upperVoltage_volt_u10p6_2_3_4	58739
target_upperVoltage_volt_u10p6_2_3_4_5	60292
target_upperVoltage_volt_u10p6_2_3_4_5_6	20810
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	36733
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	47857
target_upperWindowThresh_Cnt_u16	35829
target_upperWindowThresh_Cnt_u16_2	1227
target_upperWindowThresh_Cnt_u16_2_3	29789
target_upperWindowThresh_Cnt_u16_2_3_4	40637
target_upperWindowThresh_Cnt_u16_2_3_4_5	37814
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	48735
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	16103
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	56471

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1935504216	1935504216	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	4188669751	4188669751	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	1935504216	1935504216	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	1935504216	1935504216	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	1935504216	1935504216	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	1935504216	1935504216	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1935504216	1935504216	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	1935504216	1935504216	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	1664588153	1664588153	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	1935504216	1935504216	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	1935504216	1935504216	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1935504216	1935504216	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	✔
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	✔
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.10 (Repeat Count = 1)

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1
k_CustBattDiagLOIspd_kph_f32	24.4420128
k_CustBattDiaghispd_kph_f32	297.330994
k_CustBattDiaglospd_kph_f32	320.450775
target_CustBattDiag_Per2_Batt_Volt_f32.value	28.8219948
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	0
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	0
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	5
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1

Name	Input Value
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	506.108276
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3623021652
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_CTerm_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32
target_lowerVoltage_volt_u10p6	223
target_lowerVoltage_volt_u10p6_2	907
target_lowerVoltage_volt_u10p6_2_3	508
target_lowerVoltage_volt_u10p6_2_3_4	117
target_lowerVoltage_volt_u10p6_2_3_4_5	628
target_lowerVoltage_volt_u10p6_2_3_4_5_6	74
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	108
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	791
target_lowerWindowThresh_Cnt_u16	58622
target_lowerWindowThresh_Cnt_u16_2	35454
target_lowerWindowThresh_Cnt_u16_2_3	16688
target_lowerWindowThresh_Cnt_u16_2_3_4	33342
target_lowerWindowThresh_Cnt_u16_2_3_4_5	57440
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	6495
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	18366
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	862
target_upperVoltage_volt_u10p6	43330
target_upperVoltage_volt_u10p6_2	1380
target_upperVoltage_volt_u10p6_2_3	35947
target_upperVoltage_volt_u10p6_2_3_4	18474
target_upperVoltage_volt_u10p6_2_3_4_5	4522
target_upperVoltage_volt_u10p6_2_3_4_5_6	31881
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	17519
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	1784
target_upperWindowThresh_Cnt_u16	61379
target_upperWindowThresh_Cnt_u16_2	14609
target_upperWindowThresh_Cnt_u16_2_3	33342
target_upperWindowThresh_Cnt_u16_2_3_4	64008
target_upperWindowThresh_Cnt_u16_2_3_4_5	10805
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	7255
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	22775
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	32956

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	3623021652	3623021652	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	3623021652	3623021652	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	3623021652	3623021652	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	1935504216	1935504216	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	3623021652	3623021652	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3623021652	3623021652	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3623021652	3623021652	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3623021652	3623021652	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3623021652	3623021652	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3623021652	3623021652	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3623021652	3623021652	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1935504216	1935504216	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	✔
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	✔
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.11 (Repeat Count = 1)

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1
k_CustBattDiagLOIspd_kph_f32	116.082245
k_CustBattDiaghispd_kph_f32	498.151794
k_CustBattDiaglospd_kph_f32	394.442841
target_CustBattDiag_Per2_Batt_Volt_f32.value	13.2565918
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	1
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	1
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	0
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0

Name	Input Value
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	305.454041
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	756272949
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_CTerm_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32
target_lowerVoltage_volt_u10p6	124
target_lowerVoltage_volt_u10p6_2	551
target_lowerVoltage_volt_u10p6_2_3	960
target_lowerVoltage_volt_u10p6_2_3_4	849
target_lowerVoltage_volt_u10p6_2_3_4_5	192
target_lowerVoltage_volt_u10p6_2_3_4_5_6	715
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	466
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	464
target_lowerWindowThresh_Cnt_u16	30833
target_lowerWindowThresh_Cnt_u16_2	52961
target_lowerWindowThresh_Cnt_u16_2_3	51725
target_lowerWindowThresh_Cnt_u16_2_3_4	60628
target_lowerWindowThresh_Cnt_u16_2_3_4_5	5118
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	16927
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	59835
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	51876
target_upperVoltage_volt_u10p6	34950
target_upperVoltage_volt_u10p6_2	22797
target_upperVoltage_volt_u10p6_2_3	62931
target_upperVoltage_volt_u10p6_2_3_4	52710
target_upperVoltage_volt_u10p6_2_3_4_5	64721
target_upperVoltage_volt_u10p6_2_3_4_5_6	10216
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	29268
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	24647
target_upperWindowThresh_Cnt_u16	57046
target_upperWindowThresh_Cnt_u16_2	37868
target_upperWindowThresh_Cnt_u16_2_3	60628
target_upperWindowThresh_Cnt_u16_2_3_4	31392
target_upperWindowThresh_Cnt_u16_2_3_4_5	46780
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	69
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	59481
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	11170

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	756272949	756272949	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	756272949	756272949	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	756272949	756272949	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	756272949	756272949	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	756272949	756272949	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	756272949	756272949	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3623021652	3623021652	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3623021652	3623021652	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3623021652	3623021652	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	756272949	756272949	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	756272949	756272949	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	756272949	756272949	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	✔
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	✔
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.12 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	3
k_CustBattDiagLOlspd_kph_f32	339.725555
k_CustBattDiaghispd_kph_f32	342.628601
k_CustBattDiaglospd_kph_f32	324.396851
target_CustBattDiag_Per2_Batt_Volt_f32.value	26.2572422
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	0
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	0
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	15
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	12.1294603
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0

Name	Input Value
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	2364662404
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_CTerm_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32
target_lowerVoltage_volt_u10p6	931
target_lowerVoltage_volt_u10p6_2	877
target_lowerVoltage_volt_u10p6_2_3	14
target_lowerVoltage_volt_u10p6_2_3_4	168
target_lowerVoltage_volt_u10p6_2_3_4_5	570
target_lowerVoltage_volt_u10p6_2_3_4_5_6	278
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	237
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	31
target_lowerWindowThresh_Cnt_u16	7217
target_lowerWindowThresh_Cnt_u16_2	64647
target_lowerWindowThresh_Cnt_u16_2_3	57362
target_lowerWindowThresh_Cnt_u16_2_3_4	34124
target_lowerWindowThresh_Cnt_u16_2_3_4_5	21197
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	31902
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	11878
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	22063
target_upperVoltage_volt_u10p6	5745
target_upperVoltage_volt_u10p6_2	53135
target_upperVoltage_volt_u10p6_2_3	57181
target_upperVoltage_volt_u10p6_2_3_4	63154
target_upperVoltage_volt_u10p6_2_3_4_5	57381
target_upperVoltage_volt_u10p6_2_3_4_5_6	54922
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	4035
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	221
target_upperWindowThresh_Cnt_u16	59145
target_upperWindowThresh_Cnt_u16_2	15758
target_upperWindowThresh_Cnt_u16_2_3	34124
target_upperWindowThresh_Cnt_u16_2_3_4	15078
target_upperWindowThresh_Cnt_u16_2_3_4_5	10338
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	14889
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	19437
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	11608

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	2364662404	2364662404	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2364662404	2364662404	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2364662404	2364662404	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2364662404	2364662404	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2364662404	2364662404	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2364662404	2364662404	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	2364662404	2364662404	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2364662404	2364662404	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2364662404	2364662404	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2364662404	2364662404	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2364662404	2364662404	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	756272949	756272949	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	✔
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	✔
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.13 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1
k_CustBattDiagLOIspd_kph_f32	247.524536
k_CustBattDiaghispd_kph_f32	60.1050873
k_CustBattDiaglospd_kph_f32	232.84552
target_CustBattDiag_Per2_Batt_Volt_f32.value	25.597971
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	0
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	1
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	12
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1

Name	Input Value
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	178.792084
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	773510415
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_CTerm_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32
target_lowerVoltage_volt_u10p6	990
target_lowerVoltage_volt_u10p6_2	996
target_lowerVoltage_volt_u10p6_2_3	959
target_lowerVoltage_volt_u10p6_2_3_4	670
target_lowerVoltage_volt_u10p6_2_3_4_5	260
target_lowerVoltage_volt_u10p6_2_3_4_5_6	233
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	986
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	302
target_lowerWindowThresh_Cnt_u16	46961
target_lowerWindowThresh_Cnt_u16_2	54026
target_lowerWindowThresh_Cnt_u16_2_3	16182
target_lowerWindowThresh_Cnt_u16_2_3_4	32872
target_lowerWindowThresh_Cnt_u16_2_3_4_5	65408
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	65286
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	38303
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	49935
target_upperVoltage_volt_u10p6	35326
target_upperVoltage_volt_u10p6_2	4352
target_upperVoltage_volt_u10p6_2_3	37941
target_upperVoltage_volt_u10p6_2_3_4	13813
target_upperVoltage_volt_u10p6_2_3_4_5	25377
target_upperVoltage_volt_u10p6_2_3_4_5_6	31412
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	13903
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	45913
target_upperWindowThresh_Cnt_u16	12364
target_upperWindowThresh_Cnt_u16_2	2519
target_upperWindowThresh_Cnt_u16_2_3	32872
target_upperWindowThresh_Cnt_u16_2_3_4	49711
target_upperWindowThresh_Cnt_u16_2_3_4_5	59140
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	44539
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	37186
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	19218

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	773510415	773510415	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	773510415	773510415	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	773510415	773510415	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	773510415	773510415	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	773510415	773510415	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	773510415	773510415	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	2364662404	2364662404	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2364662404	2364662404	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2364662404	2364662404	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	773510415	773510415	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	773510415	773510415	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	773510415	773510415	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	✔
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	✔
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.14 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1
k_CustBattDiagLOIspd_kph_f32	217.466568
k_CustBattDiaghispd_kph_f32	384.945709
k_CustBattDiaglospd_kph_f32	185.897675
target_CustBattDiag_Per2_Batt_Volt_f32.value	20.4658451
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	0
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	1
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	8
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	499.401703
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1

Name	Input Value
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	384192508
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_CTerm_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32
target_lowerVoltage_volt_u10p6	595
target_lowerVoltage_volt_u10p6_2	56
target_lowerVoltage_volt_u10p6_2_3	1005
target_lowerVoltage_volt_u10p6_2_3_4	508
target_lowerVoltage_volt_u10p6_2_3_4_5	215
target_lowerVoltage_volt_u10p6_2_3_4_5_6	934
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	777
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	431
target_lowerWindowThresh_Cnt_u16	23334
target_lowerWindowThresh_Cnt_u16_2	3665
target_lowerWindowThresh_Cnt_u16_2_3	22878
target_lowerWindowThresh_Cnt_u16_2_3_4	14772
target_lowerWindowThresh_Cnt_u16_2_3_4_5	64362
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	18053
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	48702
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	7308
target_upperVoltage_volt_u10p6	30977
target_upperVoltage_volt_u10p6_2	30517
target_upperVoltage_volt_u10p6_2_3	38239
target_upperVoltage_volt_u10p6_2_3_4	58175
target_upperVoltage_volt_u10p6_2_3_4_5	61491
target_upperVoltage_volt_u10p6_2_3_4_5_6	38777
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	24302
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	25016
target_upperWindowThresh_Cnt_u16	39453
target_upperWindowThresh_Cnt_u16_2	13189
target_upperWindowThresh_Cnt_u16_2_3	14772
target_upperWindowThresh_Cnt_u16_2_3_4	4855
target_upperWindowThresh_Cnt_u16_2_3_4_5	24998
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	25836
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	47446
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	34611

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	384192508	384192508	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	384192508	384192508	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	384192508	384192508	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	384192508	384192508	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	384192508	384192508	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	384192508	384192508	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	384192508	384192508	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	384192508	384192508	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2364662404	2364662404	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	384192508	384192508	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	384192508	384192508	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	384192508	384192508	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	✔
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	✔
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.15 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4
k_CustBattDiagLOIspd_kph_f32	339.789154
k_CustBattDiaghispd_kph_f32	262.878601
k_CustBattDiaglospd_kph_f32	86.3215485
target_CustBattDiag_Per2_Batt_Volt_f32.value	19.7072048
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	1
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	0
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	3
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1

Name	Input Value
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	247.761032
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	4246247395
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_CTerm_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32
target_lowerVoltage_volt_u10p6	504
target_lowerVoltage_volt_u10p6_2	309
target_lowerVoltage_volt_u10p6_2_3	388
target_lowerVoltage_volt_u10p6_2_3_4	458
target_lowerVoltage_volt_u10p6_2_3_4_5	159
target_lowerVoltage_volt_u10p6_2_3_4_5_6	436
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	493
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	875
target_lowerWindowThresh_Cnt_u16	33710
target_lowerWindowThresh_Cnt_u16_2	44838
target_lowerWindowThresh_Cnt_u16_2_3	2690
target_lowerWindowThresh_Cnt_u16_2_3_4	65344
target_lowerWindowThresh_Cnt_u16_2_3_4_5	57202
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	13153
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	35577
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	40995
target_upperVoltage_volt_u10p6	41922
target_upperVoltage_volt_u10p6_2	30661
target_upperVoltage_volt_u10p6_2_3	45016
target_upperVoltage_volt_u10p6_2_3_4	53406
target_upperVoltage_volt_u10p6_2_3_4_5	10955
target_upperVoltage_volt_u10p6_2_3_4_5_6	40400
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	24322
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	44424
target_upperWindowThresh_Cnt_u16	29844
target_upperWindowThresh_Cnt_u16_2	15335
target_upperWindowThresh_Cnt_u16_2_3	65344
target_upperWindowThresh_Cnt_u16_2_3_4	7889
target_upperWindowThresh_Cnt_u16_2_3_4_5	761
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	21195
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	7833
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	49642

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	4246247395	4246247395	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	4246247395	4246247395	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	4246247395	4246247395	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	4246247395	4246247395	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	4246247395	4246247395	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	4246247395	4246247395	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	384192508	384192508	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	384192508	384192508	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2364662404	2364662404	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	4246247395	4246247395	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	4246247395	4246247395	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	4246247395	4246247395	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	✔
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	✔
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.16 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4
k_CustBattDiagLOIspd_kph_f32	399.648529
k_CustBattDiaghispd_kph_f32	168.871094
k_CustBattDiaglospd_kph_f32	201.990463
target_CustBattDiag_Per2_Batt_Volt_f32.value	16.6311455
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	0
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	1
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	9
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	216.068512
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1

Name	Input Value		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1997622479		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_CTerm_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
target_lowerVoltage_volt_u10p6	176		
target_lowerVoltage_volt_u10p6_2	111		
target_lowerVoltage_volt_u10p6_2_3	708		
target_lowerVoltage_volt_u10p6_2_3_4	946		
target_lowerVoltage_volt_u10p6_2_3_4_5	141		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	614		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	696		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	967		
target_lowerWindowThresh_Cnt_u16	59415		
target_lowerWindowThresh_Cnt_u16_2	3015		
target_lowerWindowThresh_Cnt_u16_2_3	56085		
target_lowerWindowThresh_Cnt_u16_2_3_4	42112		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	30339		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	37397		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	40058		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	16545		
target_upperVoltage_volt_u10p6	38415		
target_upperVoltage_volt_u10p6_2	59725		
target_upperVoltage_volt_u10p6_2_3	59341		
target_upperVoltage_volt_u10p6_2_3_4	58836		
target_upperVoltage_volt_u10p6_2_3_4_5	56175		
target_upperVoltage_volt_u10p6_2_3_4_5_6	18218		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	55237		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	21790		
target_upperWindowThresh_Cnt_u16	45531		
target_upperWindowThresh_Cnt_u16_2	28876		
target_upperWindowThresh_Cnt_u16_2_3	42112		
target_upperWindowThresh_Cnt_u16_2_3_4	49128		
target_upperWindowThresh_Cnt_u16_2_3_4_5	51742		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	59162		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	1921		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	29485		
Name	**Actual Value**	**Expected Value**	**Result**
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1997622479	1997622479	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1997622479	1997622479	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	1997622479	1997622479	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	1997622479	1997622479	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	1997622479	1997622479	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	1997622479	1997622479	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	384192508	384192508	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	384192508	384192508	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2364662404	2364662404	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	1997622479	1997622479	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	1997622479	1997622479	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1997622479	1997622479	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	✔
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	✔
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.17 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	3
k_CustBattDiagLOIspd_kph_f32	210.002106
k_CustBattDiaghispd_kph_f32	71.8588562
k_CustBattDiaglospd_kph_f32	443.847565
target_CustBattDiag_Per2_Batt_Volt_f32.value	29.7746296
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	1
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	1
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	14
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	253.606369
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1

Name	Input Value
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1675319290
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_CTerm_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32
target_lowerVoltage_volt_u10p6	722
target_lowerVoltage_volt_u10p6_2	920
target_lowerVoltage_volt_u10p6_2_3	233
target_lowerVoltage_volt_u10p6_2_3_4	546
target_lowerVoltage_volt_u10p6_2_3_4_5	678
target_lowerVoltage_volt_u10p6_2_3_4_5_6	721
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	851
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	107
target_lowerWindowThresh_Cnt_u16	62782
target_lowerWindowThresh_Cnt_u16_2	33734
target_lowerWindowThresh_Cnt_u16_2_3	51377
target_lowerWindowThresh_Cnt_u16_2_3_4	60121
target_lowerWindowThresh_Cnt_u16_2_3_4_5	11340
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	30315
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	12978
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	42254
target_upperVoltage_volt_u10p6	22686
target_upperVoltage_volt_u10p6_2	16225
target_upperVoltage_volt_u10p6_2_3	2009
target_upperVoltage_volt_u10p6_2_3_4	46191
target_upperVoltage_volt_u10p6_2_3_4_5	58969
target_upperVoltage_volt_u10p6_2_3_4_5_6	63620
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	50552
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	19907
target_upperWindowThresh_Cnt_u16	25087
target_upperWindowThresh_Cnt_u16_2	14503
target_upperWindowThresh_Cnt_u16_2_3	60121
target_upperWindowThresh_Cnt_u16_2_3_4	17453
target_upperWindowThresh_Cnt_u16_2_3_4_5	19106
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	25354
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	50561
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	54430

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1675319290	1675319290	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1675319290	1675319290	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	1675319290	1675319290	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	1675319290	1675319290	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	1675319290	1675319290	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	1675319290	1675319290	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1675319290	1675319290	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	1675319290	1675319290	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2364662404	2364662404	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	1675319290	1675319290	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	1675319290	1675319290	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1675319290	1675319290	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	✔
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	✔
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.18 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1
k_CustBattDiagLOIspd_kph_f32	209.081436
k_CustBattDiaghispd_kph_f32	378.111084
k_CustBattDiaglospd_kph_f32	192.754654
target_CustBattDiag_Per2_Batt_Volt_f32.value	16.6021767
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	0
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	1
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	6
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0

Name	Input Value
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	202.196823
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3450440717
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_CTerm_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32
target_lowerVoltage_volt_u10p6	986
target_lowerVoltage_volt_u10p6_2	692
target_lowerVoltage_volt_u10p6_2_3	636
target_lowerVoltage_volt_u10p6_2_3_4	24
target_lowerVoltage_volt_u10p6_2_3_4_5	972
target_lowerVoltage_volt_u10p6_2_3_4_5_6	347
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	948
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	104
target_lowerWindowThresh_Cnt_u16	42205
target_lowerWindowThresh_Cnt_u16_2	33115
target_lowerWindowThresh_Cnt_u16_2_3	60267
target_lowerWindowThresh_Cnt_u16_2_3_4	54153
target_lowerWindowThresh_Cnt_u16_2_3_4_5	31228
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	13937
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	56344
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	52026
target_upperVoltage_volt_u10p6	38456
target_upperVoltage_volt_u10p6_2	26504
target_upperVoltage_volt_u10p6_2_3	6956
target_upperVoltage_volt_u10p6_2_3_4	57882
target_upperVoltage_volt_u10p6_2_3_4_5	17044
target_upperVoltage_volt_u10p6_2_3_4_5_6	52019
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	32630
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	22488
target_upperWindowThresh_Cnt_u16	11967
target_upperWindowThresh_Cnt_u16_2	51951
target_upperWindowThresh_Cnt_u16_2_3	54153
target_upperWindowThresh_Cnt_u16_2_3_4	36333
target_upperWindowThresh_Cnt_u16_2_3_4_5	214
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	25899
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	60199
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	7953

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	3450440717	3450440717	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	3450440717	3450440717	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	3450440717	3450440717	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	3450440717	3450440717	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	3450440717	3450440717	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3450440717	3450440717	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3450440717	3450440717	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3450440717	3450440717	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2364662404	2364662404	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3450440717	3450440717	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3450440717	3450440717	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3450440717	3450440717	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	✔
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	✔
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.19 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1
k_CustBattDiagLOIspd_kph_f32	21.9076004
k_CustBattDiaghispd_kph_f32	233.416443
k_CustBattDiaglospd_kph_f32	0.0667701736
target_CustBattDiag_Per2_Batt_Volt_f32.value	13.8913221
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	0
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	0
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	12
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1

Name	Input Value
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	236.968155
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3306280184
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_CTerm_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32
target_lowerVoltage_volt_u10p6	1
target_lowerVoltage_volt_u10p6_2	940
target_lowerVoltage_volt_u10p6_2_3	599
target_lowerVoltage_volt_u10p6_2_3_4	205
target_lowerVoltage_volt_u10p6_2_3_4_5	25
target_lowerVoltage_volt_u10p6_2_3_4_5_6	718
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	256
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	409
target_lowerWindowThresh_Cnt_u16	11418
target_lowerWindowThresh_Cnt_u16_2	61365
target_lowerWindowThresh_Cnt_u16_2_3	56915
target_lowerWindowThresh_Cnt_u16_2_3_4	21156
target_lowerWindowThresh_Cnt_u16_2_3_4_5	17114
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	17185
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	3849
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	28166
target_upperVoltage_volt_u10p6	29846
target_upperVoltage_volt_u10p6_2	64777
target_upperVoltage_volt_u10p6_2_3	709
target_upperVoltage_volt_u10p6_2_3_4	65105
target_upperVoltage_volt_u10p6_2_3_4_5	41812
target_upperVoltage_volt_u10p6_2_3_4_5_6	2769
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	23105
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	43341
target_upperWindowThresh_Cnt_u16	65485
target_upperWindowThresh_Cnt_u16_2	63382
target_upperWindowThresh_Cnt_u16_2_3	21156
target_upperWindowThresh_Cnt_u16_2_3_4	63659
target_upperWindowThresh_Cnt_u16_2_3_4_5	15975
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	49222
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	4511
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	2011

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	3306280184	3306280184	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	3306280184	3306280184	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	3306280184	3306280184	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	3306280184	3306280184	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	3306280184	3306280184	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3450440717	3450440717	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3306280184	3306280184	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3306280184	3306280184	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3306280184	3306280184	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3306280184	3306280184	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3306280184	3306280184	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3306280184	3306280184	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	✔
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	✔
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.20 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1
k_CustBattDiagLOIspd_kph_f32	108.565147
k_CustBattDiaghispd_kph_f32	150.230255
k_CustBattDiaglospd_kph_f32	481.392944
target_CustBattDiag_Per2_Batt_Volt_f32.value	29.6518517
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	0
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	1
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	0
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0

Name	Input Value
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	188.71431
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3418117713
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_CTerm_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32
target_lowerVoltage_volt_u10p6	3
target_lowerVoltage_volt_u10p6_2	951
target_lowerVoltage_volt_u10p6_2_3	988
target_lowerVoltage_volt_u10p6_2_3_4	984
target_lowerVoltage_volt_u10p6_2_3_4_5	161
target_lowerVoltage_volt_u10p6_2_3_4_5_6	950
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	870
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	464
target_lowerWindowThresh_Cnt_u16	63426
target_lowerWindowThresh_Cnt_u16_2	34400
target_lowerWindowThresh_Cnt_u16_2_3	19258
target_lowerWindowThresh_Cnt_u16_2_3_4	47201
target_lowerWindowThresh_Cnt_u16_2_3_4_5	54734
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	34669
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	38082
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	6053
target_upperVoltage_volt_u10p6	16312
target_upperVoltage_volt_u10p6_2	63505
target_upperVoltage_volt_u10p6_2_3	45306
target_upperVoltage_volt_u10p6_2_3_4	17361
target_upperVoltage_volt_u10p6_2_3_4_5	33798
target_upperVoltage_volt_u10p6_2_3_4_5_6	7399
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	47709
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	15218
target_upperWindowThresh_Cnt_u16	24328
target_upperWindowThresh_Cnt_u16_2	16111
target_upperWindowThresh_Cnt_u16_2_3	47201
target_upperWindowThresh_Cnt_u16_2_3_4	35516
target_upperWindowThresh_Cnt_u16_2_3_4_5	23513
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	34838
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	5308
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	60003

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	3418117713	3418117713	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	3418117713	3418117713	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	3418117713	3418117713	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	3418117713	3418117713	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	3418117713	3418117713	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3418117713	3418117713	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3418117713	3418117713	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3418117713	3418117713	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3306280184	3306280184	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3418117713	3418117713	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3418117713	3418117713	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3418117713	3418117713	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	✔
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	✔
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.21 (Repeat Count = 1)		✔
Name	**Input Value**	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2	
k_CustBattDiagLOlspd_kph_f32	213.397064	
k_CustBattDiaghispd_kph_f32	134.156265	
k_CustBattDiaglospd_kph_f32	363.319	
target_CustBattDiag_Per2_Batt_Volt_f32.value	28.3585014	
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	1	
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	1	
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1	
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	1	
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0	
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	1	
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0	

Name	Input Value
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	12.5214405
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	2643989205
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_CTerm_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32
target_lowerVoltage_volt_u10p6	17
target_lowerVoltage_volt_u10p6_2	200
target_lowerVoltage_volt_u10p6_2_3	1022
target_lowerVoltage_volt_u10p6_2_3_4	596
target_lowerVoltage_volt_u10p6_2_3_4_5	562
target_lowerVoltage_volt_u10p6_2_3_4_5_6	846
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	628
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	266
target_lowerWindowThresh_Cnt_u16	49591
target_lowerWindowThresh_Cnt_u16_2	19997
target_lowerWindowThresh_Cnt_u16_2_3	40010
target_lowerWindowThresh_Cnt_u16_2_3_4	50546
target_lowerWindowThresh_Cnt_u16_2_3_4_5	16851
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	1280
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	52131
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	1720
target_upperVoltage_volt_u10p6	20320
target_upperVoltage_volt_u10p6_2	50755
target_upperVoltage_volt_u10p6_2_3	38111
target_upperVoltage_volt_u10p6_2_3_4	34335
target_upperVoltage_volt_u10p6_2_3_4_5	36196
target_upperVoltage_volt_u10p6_2_3_4_5_6	50919
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	38575
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	12880
target_upperWindowThresh_Cnt_u16	25222
target_upperWindowThresh_Cnt_u16_2	6539
target_upperWindowThresh_Cnt_u16_2_3	50546
target_upperWindowThresh_Cnt_u16_2_3_4	50664
target_upperWindowThresh_Cnt_u16_2_3_4_5	5124
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	55648
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	10021
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	3917

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	2643989205	2643989205	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2643989205	2643989205	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2643989205	2643989205	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2643989205	2643989205	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2643989205	2643989205	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2643989205	2643989205	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	2643989205	2643989205	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2643989205	2643989205	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2643989205	2643989205	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2643989205	2643989205	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2643989205	2643989205	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	2643989205	2643989205	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	✔
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	✔
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.22 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1
k_CustBattDiagLOIspd_kph_f32	67.6589432
k_CustBattDiaghispd_kph_f32	108.676208
k_CustBattDiaglospd_kph_f32	69.7161331
target_CustBattDiag_Per2_Batt_Volt_f32.value	5.8254714
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	0
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	0
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	3
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1

Name	Input Value		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	215.599518		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	476277725		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_CTerm_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
target_lowerVoltage_volt_u10p6	620		
target_lowerVoltage_volt_u10p6_2	256		
target_lowerVoltage_volt_u10p6_2_3	934		
target_lowerVoltage_volt_u10p6_2_3_4	322		
target_lowerVoltage_volt_u10p6_2_3_4_5	564		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	956		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	796		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	858		
target_lowerWindowThresh_Cnt_u16	51121		
target_lowerWindowThresh_Cnt_u16_2	8714		
target_lowerWindowThresh_Cnt_u16_2_3	21865		
target_lowerWindowThresh_Cnt_u16_2_3_4	45263		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	31717		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	12767		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	18094		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	10016		
target_upperVoltage_volt_u10p6	52908		
target_upperVoltage_volt_u10p6_2	15464		
target_upperVoltage_volt_u10p6_2_3	36916		
target_upperVoltage_volt_u10p6_2_3_4	56351		
target_upperVoltage_volt_u10p6_2_3_4_5	63406		
target_upperVoltage_volt_u10p6_2_3_4_5_6	57281		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	27875		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	24548		
target_upperWindowThresh_Cnt_u16	39189		
target_upperWindowThresh_Cnt_u16_2	21619		
target_upperWindowThresh_Cnt_u16_2_3	45263		
target_upperWindowThresh_Cnt_u16_2_3_4	19944		
target_upperWindowThresh_Cnt_u16_2_3_4_5	34752		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	14074		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	51179		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	17962		
Name	**Actual Value**	**Expected Value**	**Result**
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	476277725	476277725	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	476277725	476277725	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	476277725	476277725	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	476277725	476277725	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	476277725	476277725	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	476277725	476277725	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	2643989205	2643989205	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2643989205	2643989205	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2643989205	2643989205	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	476277725	476277725	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	476277725	476277725	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	476277725	476277725	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	✔
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	✔
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.23 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1
k_CustBattDiagLOlspd_kph_f32	280.511566
k_CustBattDiaghispd_kph_f32	388.517151
k_CustBattDiaglospd_kph_f32	21.975523
target_CustBattDiag_Per2_Batt_Volt_f32.value	22.5305729
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	0
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	1
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	2
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	505.476257
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0

Name	Input Value
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	213371776
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_CTerm_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32
target_lowerVoltage_volt_u10p6	391
target_lowerVoltage_volt_u10p6_2	284
target_lowerVoltage_volt_u10p6_2_3	93
target_lowerVoltage_volt_u10p6_2_3_4	878
target_lowerVoltage_volt_u10p6_2_3_4_5	344
target_lowerVoltage_volt_u10p6_2_3_4_5_6	739
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	887
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	492
target_lowerWindowThresh_Cnt_u16	42368
target_lowerWindowThresh_Cnt_u16_2	10737
target_lowerWindowThresh_Cnt_u16_2_3	56032
target_lowerWindowThresh_Cnt_u16_2_3_4	50670
target_lowerWindowThresh_Cnt_u16_2_3_4_5	57156
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	1156
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	62604
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	7424
target_upperVoltage_volt_u10p6	29288
target_upperVoltage_volt_u10p6_2	3658
target_upperVoltage_volt_u10p6_2_3	13500
target_upperVoltage_volt_u10p6_2_3_4	25643
target_upperVoltage_volt_u10p6_2_3_4_5	44808
target_upperVoltage_volt_u10p6_2_3_4_5_6	26056
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	44393
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	20354
target_upperWindowThresh_Cnt_u16	65330
target_upperWindowThresh_Cnt_u16_2	16859
target_upperWindowThresh_Cnt_u16_2_3	50670
target_upperWindowThresh_Cnt_u16_2_3_4	4523
target_upperWindowThresh_Cnt_u16_2_3_4_5	62935
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	3091
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	38383
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	40621

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	213371776	213371776	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	213371776	213371776	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	213371776	213371776	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	213371776	213371776	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	213371776	213371776	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	213371776	213371776	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	2643989205	2643989205	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2643989205	2643989205	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2643989205	2643989205	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	213371776	213371776	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	213371776	213371776	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	213371776	213371776	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	✔
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	✔
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.24 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1
k_CustBattDiagLOIspd_kph_f32	364.275879
k_CustBattDiaghispd_kph_f32	349.867279
k_CustBattDiaglospd_kph_f32	395.44986
target_CustBattDiag_Per2_Batt_Volt_f32.value	6.81607294
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	1
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	1
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	11
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	64.0697327
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1

Name	Input Value
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1786383158
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_CTerm_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32
target_lowerVoltage_volt_u10p6	985
target_lowerVoltage_volt_u10p6_2	255
target_lowerVoltage_volt_u10p6_2_3	785
target_lowerVoltage_volt_u10p6_2_3_4	9
target_lowerVoltage_volt_u10p6_2_3_4_5	202
target_lowerVoltage_volt_u10p6_2_3_4_5_6	622
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	864
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	776
target_lowerWindowThresh_Cnt_u16	10841
target_lowerWindowThresh_Cnt_u16_2	10709
target_lowerWindowThresh_Cnt_u16_2_3	34504
target_lowerWindowThresh_Cnt_u16_2_3_4	17301
target_lowerWindowThresh_Cnt_u16_2_3_4_5	56895
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	12237
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	15786
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	46117
target_upperVoltage_volt_u10p6	16568
target_upperVoltage_volt_u10p6_2	3631
target_upperVoltage_volt_u10p6_2_3	32990
target_upperVoltage_volt_u10p6_2_3_4	64979
target_upperVoltage_volt_u10p6_2_3_4_5	38604
target_upperVoltage_volt_u10p6_2_3_4_5_6	36689
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	15746
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	34469
target_upperWindowThresh_Cnt_u16	63596
target_upperWindowThresh_Cnt_u16_2	46274
target_upperWindowThresh_Cnt_u16_2_3	17301
target_upperWindowThresh_Cnt_u16_2_3_4	31971
target_upperWindowThresh_Cnt_u16_2_3_4_5	2747
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	24904
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	34731
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	52565

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1786383158	1786383158	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1786383158	1786383158	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	1786383158	1786383158	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	1786383158	1786383158	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	1786383158	1786383158	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	1786383158	1786383158	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1786383158	1786383158	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	1786383158	1786383158	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2643989205	2643989205	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	1786383158	1786383158	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	1786383158	1786383158	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1786383158	1786383158	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	✔
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	✔
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.25 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	0
k_CustBattDiagLOIspd_kph_f32	129.380325
k_CustBattDiaghispd_kph_f32	475.597839
k_CustBattDiaglospd_kph_f32	146.563522
target_CustBattDiag_Per2_Batt_Volt_f32.value	22.7369137
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	0
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	0
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	11
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0

Name	Input Value
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	131.23526
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1194040835
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_CTerm_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32
target_lowerVoltage_volt_u10p6	816
target_lowerVoltage_volt_u10p6_2	363
target_lowerVoltage_volt_u10p6_2_3	971
target_lowerVoltage_volt_u10p6_2_3_4	747
target_lowerVoltage_volt_u10p6_2_3_4_5	274
target_lowerVoltage_volt_u10p6_2_3_4_5_6	384
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	613
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	1018
target_lowerWindowThresh_Cnt_u16	63406
target_lowerWindowThresh_Cnt_u16_2	20156
target_lowerWindowThresh_Cnt_u16_2_3	49933
target_lowerWindowThresh_Cnt_u16_2_3_4	37523
target_lowerWindowThresh_Cnt_u16_2_3_4_5	40835
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	4087
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	52859
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	9803
target_upperVoltage_volt_u10p6	45147
target_upperVoltage_volt_u10p6_2	10892
target_upperVoltage_volt_u10p6_2_3	23218
target_upperVoltage_volt_u10p6_2_3_4	11181
target_upperVoltage_volt_u10p6_2_3_4_5	52268
target_upperVoltage_volt_u10p6_2_3_4_5_6	24041
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	10045
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	34587
target_upperWindowThresh_Cnt_u16	5204
target_upperWindowThresh_Cnt_u16_2	45735
target_upperWindowThresh_Cnt_u16_2_3	37523
target_upperWindowThresh_Cnt_u16_2_3_4	34538
target_upperWindowThresh_Cnt_u16_2_3_4_5	18473
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	29078
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	43054
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	18593

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1194040835	1194040835	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1194040835	1194040835	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	1194040835	1194040835	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	1194040835	1194040835	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	1194040835	1194040835	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	1194040835	1194040835	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1786383158	1786383158	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	1786383158	1786383158	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2643989205	2643989205	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	1194040835	1194040835	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	1194040835	1194040835	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1194040835	1194040835	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	✔
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	✔
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.26 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1
k_CustBattDiagLOIspd_kph_f32	348.423279
k_CustBattDiaghispd_kph_f32	318.659485
k_CustBattDiaglospd_kph_f32	204.493988
target_CustBattDiag_Per2_Batt_Volt_f32.value	23.7811527
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	0
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	0
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	5
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	72.579216
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0

Name	Input Value
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	2470648349
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_CTerm_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32
target_lowerVoltage_volt_u10p6	439
target_lowerVoltage_volt_u10p6_2	219
target_lowerVoltage_volt_u10p6_2_3	514
target_lowerVoltage_volt_u10p6_2_3_4	904
target_lowerVoltage_volt_u10p6_2_3_4_5	264
target_lowerVoltage_volt_u10p6_2_3_4_5_6	284
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	840
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	765
target_lowerWindowThresh_Cnt_u16	14867
target_lowerWindowThresh_Cnt_u16_2	58635
target_lowerWindowThresh_Cnt_u16_2_3	38795
target_lowerWindowThresh_Cnt_u16_2_3_4	31432
target_lowerWindowThresh_Cnt_u16_2_3_4_5	4044
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	49634
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	5001
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	7648
target_upperVoltage_volt_u10p6	24207
target_upperVoltage_volt_u10p6_2	61114
target_upperVoltage_volt_u10p6_2_3	12348
target_upperVoltage_volt_u10p6_2_3_4	55784
target_upperVoltage_volt_u10p6_2_3_4_5	10785
target_upperVoltage_volt_u10p6_2_3_4_5_6	10325
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	33539
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	49450
target_upperWindowThresh_Cnt_u16	11962
target_upperWindowThresh_Cnt_u16_2	30924
target_upperWindowThresh_Cnt_u16_2_3	31432
target_upperWindowThresh_Cnt_u16_2_3_4	45334
target_upperWindowThresh_Cnt_u16_2_3_4_5	41260
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	4044
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	38923
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	41905

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	2470648349	2470648349	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2470648349	2470648349	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2470648349	2470648349	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2470648349	2470648349	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2470648349	2470648349	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2470648349	2470648349	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1786383158	1786383158	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	1786383158	1786383158	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2643989205	2643989205	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2470648349	2470648349	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2470648349	2470648349	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	2470648349	2470648349	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	✔
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	✔
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.27 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2
k_CustBattDiagLOIspd_kph_f32	411.341003
k_CustBattDiaghispd_kph_f32	116.799706
k_CustBattDiaglospd_kph_f32	481.70755
target_CustBattDiag_Per2_Batt_Volt_f32.value	8.97348785
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	0
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	1
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	4
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	329.667053
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0

Name	Input Value
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	2983318312
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_CTerm_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32
target_lowerVoltage_volt_u10p6	903
target_lowerVoltage_volt_u10p6_2	801
target_lowerVoltage_volt_u10p6_2_3	107
target_lowerVoltage_volt_u10p6_2_3_4	642
target_lowerVoltage_volt_u10p6_2_3_4_5	686
target_lowerVoltage_volt_u10p6_2_3_4_5_6	438
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	797
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	494
target_lowerWindowThresh_Cnt_u16	51950
target_lowerWindowThresh_Cnt_u16_2	24019
target_lowerWindowThresh_Cnt_u16_2_3	37088
target_lowerWindowThresh_Cnt_u16_2_3_4	24614
target_lowerWindowThresh_Cnt_u16_2_3_4_5	30332
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	65366
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	2989
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	10310
target_upperVoltage_volt_u10p6	14075
target_upperVoltage_volt_u10p6_2	40161
target_upperVoltage_volt_u10p6_2_3	24588
target_upperVoltage_volt_u10p6_2_3_4	19737
target_upperVoltage_volt_u10p6_2_3_4_5	53267
target_upperVoltage_volt_u10p6_2_3_4_5_6	34208
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	32309
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	51660
target_upperWindowThresh_Cnt_u16	52591
target_upperWindowThresh_Cnt_u16_2	42740
target_upperWindowThresh_Cnt_u16_2_3	24614
target_upperWindowThresh_Cnt_u16_2_3_4	18245
target_upperWindowThresh_Cnt_u16_2_3_4_5	49174
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	22319
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	21376
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	48594

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	2983318312	2983318312	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2983318312	2983318312	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2983318312	2983318312	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2983318312	2983318312	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2983318312	2983318312	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2983318312	2983318312	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	2983318312	2983318312	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2983318312	2983318312	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2643989205	2643989205	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2983318312	2983318312	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2983318312	2983318312	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	2983318312	2983318312	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	✔
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	✔
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.28 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	3
k_CustBattDiagLOIspd_kph_f32	62.409317
k_CustBattDiaghispd_kph_f32	87.9040833
k_CustBattDiaglospd_kph_f32	428.175018
target_CustBattDiag_Per2_Batt_Volt_f32.value	20.3760033
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	0
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	0
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	1
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0

Name	Input Value
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	21.0162754
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1762614427
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_CTerm_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32
target_lowerVoltage_volt_u10p6	755
target_lowerVoltage_volt_u10p6_2	671
target_lowerVoltage_volt_u10p6_2_3	8
target_lowerVoltage_volt_u10p6_2_3_4	574
target_lowerVoltage_volt_u10p6_2_3_4_5	711
target_lowerVoltage_volt_u10p6_2_3_4_5_6	323
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	520
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	928
target_lowerWindowThresh_Cnt_u16	20179
target_lowerWindowThresh_Cnt_u16_2	51754
target_lowerWindowThresh_Cnt_u16_2_3	35238
target_lowerWindowThresh_Cnt_u16_2_3_4	31564
target_lowerWindowThresh_Cnt_u16_2_3_4_5	2327
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	5524
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	54462
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	766
target_upperVoltage_volt_u10p6	23983
target_upperVoltage_volt_u10p6_2	41447
target_upperVoltage_volt_u10p6_2_3	15076
target_upperVoltage_volt_u10p6_2_3_4	41873
target_upperVoltage_volt_u10p6_2_3_4_5	15638
target_upperVoltage_volt_u10p6_2_3_4_5_6	19527
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	8972
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	52382
target_upperWindowThresh_Cnt_u16	50318
target_upperWindowThresh_Cnt_u16_2	45946
target_upperWindowThresh_Cnt_u16_2_3	31564
target_upperWindowThresh_Cnt_u16_2_3_4	49549
target_upperWindowThresh_Cnt_u16_2_3_4_5	31765
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	65206
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	12702
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	53494

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1762614427	1762614427	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1762614427	1762614427	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	1762614427	1762614427	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	1762614427	1762614427	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	1762614427	1762614427	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	1762614427	1762614427	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	2983318312	2983318312	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2983318312	2983318312	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2643989205	2643989205	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	1762614427	1762614427	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	1762614427	1762614427	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1762614427	1762614427	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	✔
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	✔
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.29 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4
k_CustBattDiagLOIspd_kph_f32	29.2635651
k_CustBattDiaghispd_kph_f32	448.829498
k_CustBattDiaglospd_kph_f32	372.526031
target_CustBattDiag_Per2_Batt_Volt_f32.value	19.7072048
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	1
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	0
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	7
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	425.285889
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1

Name	Input Value
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	2341311019
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_CTerm_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32
target_lowerVoltage_volt_u10p6	660
target_lowerVoltage_volt_u10p6_2	1018
target_lowerVoltage_volt_u10p6_2_3	851
target_lowerVoltage_volt_u10p6_2_3_4	752
target_lowerVoltage_volt_u10p6_2_3_4_5	760
target_lowerVoltage_volt_u10p6_2_3_4_5_6	612
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	888
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	945
target_lowerWindowThresh_Cnt_u16	24402
target_lowerWindowThresh_Cnt_u16_2	5538
target_lowerWindowThresh_Cnt_u16_2_3	44617
target_lowerWindowThresh_Cnt_u16_2_3_4	43116
target_lowerWindowThresh_Cnt_u16_2_3_4_5	3559
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	40666
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	51850
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	2167
target_upperVoltage_volt_u10p6	24043
target_upperVoltage_volt_u10p6_2	31660
target_upperVoltage_volt_u10p6_2_3	19066
target_upperVoltage_volt_u10p6_2_3_4	59684
target_upperVoltage_volt_u10p6_2_3_4_5	5234
target_upperVoltage_volt_u10p6_2_3_4_5_6	37148
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	35690
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	22146
target_upperWindowThresh_Cnt_u16	9903
target_upperWindowThresh_Cnt_u16_2	11186
target_upperWindowThresh_Cnt_u16_2_3	43116
target_upperWindowThresh_Cnt_u16_2_3_4	43817
target_upperWindowThresh_Cnt_u16_2_3_4_5	37970
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	29675
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	16745
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	10196

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	2341311019	2341311019	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2341311019	2341311019	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2341311019	2341311019	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2341311019	2341311019	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2341311019	2341311019	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2341311019	2341311019	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	2341311019	2341311019	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2341311019	2341311019	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2643989205	2643989205	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2341311019	2341311019	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2341311019	2341311019	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	2341311019	2341311019	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	✔
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	✔
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.30 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4
k_CustBattDiagLOIspd_kph_f32	240.258224
k_CustBattDiaghispd_kph_f32	464.173981
k_CustBattDiaglospd_kph_f32	92.2381058
target_CustBattDiag_Per2_Batt_Volt_f32.value	18.7667007
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	0
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	1
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	2
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1

Name	Input Value
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	288.956116
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3236492576
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_CTerm_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32
target_lowerVoltage_volt_u10p6	679
target_lowerVoltage_volt_u10p6_2	621
target_lowerVoltage_volt_u10p6_2_3	45
target_lowerVoltage_volt_u10p6_2_3_4	958
target_lowerVoltage_volt_u10p6_2_3_4_5	675
target_lowerVoltage_volt_u10p6_2_3_4_5_6	716
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	112
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	960
target_lowerWindowThresh_Cnt_u16	54602
target_lowerWindowThresh_Cnt_u16_2	31098
target_lowerWindowThresh_Cnt_u16_2_3	9958
target_lowerWindowThresh_Cnt_u16_2_3_4	25461
target_lowerWindowThresh_Cnt_u16_2_3_4_5	58818
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	46451
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	35489
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	48594
target_upperVoltage_volt_u10p6	63449
target_upperVoltage_volt_u10p6_2	58524
target_upperVoltage_volt_u10p6_2_3	41585
target_upperVoltage_volt_u10p6_2_3_4	20479
target_upperVoltage_volt_u10p6_2_3_4_5	53709
target_upperVoltage_volt_u10p6_2_3_4_5_6	18026
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	33380
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	12051
target_upperWindowThresh_Cnt_u16	64896
target_upperWindowThresh_Cnt_u16_2	33965
target_upperWindowThresh_Cnt_u16_2_3	25461
target_upperWindowThresh_Cnt_u16_2_3_4	34969
target_upperWindowThresh_Cnt_u16_2_3_4_5	25403
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	15796
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	63468
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	37858

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	3236492576	3236492576	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	3236492576	3236492576	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	3236492576	3236492576	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	3236492576	3236492576	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	3236492576	3236492576	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3236492576	3236492576	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3236492576	3236492576	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3236492576	3236492576	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3236492576	3236492576	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3236492576	3236492576	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3236492576	3236492576	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3236492576	3236492576	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	✔
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	✔
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.31 (Repeat Count = 1)

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2
k_CustBattDiagLOIspd_kph_f32	121.063591
k_CustBattDiaghispd_kph_f32	47.0813866
k_CustBattDiaglospd_kph_f32	72.2337723
target_CustBattDiag_Per2_Batt_Volt_f32.value	7.29014063
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	1
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	1
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	2
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0

Name	Input Value
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	25.0094929
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3753555517
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_CTerm_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32
target_lowerVoltage_volt_u10p6	351
target_lowerVoltage_volt_u10p6_2	538
target_lowerVoltage_volt_u10p6_2_3	747
target_lowerVoltage_volt_u10p6_2_3_4	737
target_lowerVoltage_volt_u10p6_2_3_4_5	234
target_lowerVoltage_volt_u10p6_2_3_4_5_6	104
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	258
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	479
target_lowerWindowThresh_Cnt_u16	13321
target_lowerWindowThresh_Cnt_u16_2	28903
target_lowerWindowThresh_Cnt_u16_2_3	56566
target_lowerWindowThresh_Cnt_u16_2_3_4	53528
target_lowerWindowThresh_Cnt_u16_2_3_4_5	23072
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	24326
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	64965
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	29080
target_upperVoltage_volt_u10p6	26356
target_upperVoltage_volt_u10p6_2	22987
target_upperVoltage_volt_u10p6_2_3	48952
target_upperVoltage_volt_u10p6_2_3_4	38415
target_upperVoltage_volt_u10p6_2_3_4_5	56947
target_upperVoltage_volt_u10p6_2_3_4_5_6	6751
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	30190
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	50961
target_upperWindowThresh_Cnt_u16	10128
target_upperWindowThresh_Cnt_u16_2	21380
target_upperWindowThresh_Cnt_u16_2_3	53528
target_upperWindowThresh_Cnt_u16_2_3_4	62719
target_upperWindowThresh_Cnt_u16_2_3_4_5	39838
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	28228
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	36639
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	15776

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	3753555517	3753555517	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	3753555517	3753555517	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	3753555517	3753555517	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	3753555517	3753555517	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	3753555517	3753555517	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3753555517	3753555517	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3236492576	3236492576	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3236492576	3236492576	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3236492576	3236492576	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3753555517	3753555517	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3753555517	3753555517	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3753555517	3753555517	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	✔
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	✔
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.32 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1
k_CustBattDiagLOIspd_kph_f32	350.127563
k_CustBattDiaghispd_kph_f32	88.9194946
k_CustBattDiaglospd_kph_f32	324.607025
target_CustBattDiag_Per2_Batt_Volt_f32.value	27.3115482
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	0
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	0
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	6
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	406.880493
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1

Name	Input Value
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	283733848
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_CTerm_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32
target_lowerVoltage_volt_u10p6	349
target_lowerVoltage_volt_u10p6_2	77
target_lowerVoltage_volt_u10p6_2_3	426
target_lowerVoltage_volt_u10p6_2_3_4	449
target_lowerVoltage_volt_u10p6_2_3_4_5	905
target_lowerVoltage_volt_u10p6_2_3_4_5_6	97
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	881
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	409
target_lowerWindowThresh_Cnt_u16	2938
target_lowerWindowThresh_Cnt_u16_2	2248
target_lowerWindowThresh_Cnt_u16_2_3	59400
target_lowerWindowThresh_Cnt_u16_2_3_4	44140
target_lowerWindowThresh_Cnt_u16_2_3_4_5	24777
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	10140
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	20573
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	48272
target_upperVoltage_volt_u10p6	5589
target_upperVoltage_volt_u10p6_2	60791
target_upperVoltage_volt_u10p6_2_3	2906
target_upperVoltage_volt_u10p6_2_3_4	14481
target_upperVoltage_volt_u10p6_2_3_4_5	50723
target_upperVoltage_volt_u10p6_2_3_4_5_6	37365
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	41489
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	23355
target_upperWindowThresh_Cnt_u16	24093
target_upperWindowThresh_Cnt_u16_2	16665
target_upperWindowThresh_Cnt_u16_2_3	44140
target_upperWindowThresh_Cnt_u16_2_3_4	7060
target_upperWindowThresh_Cnt_u16_2_3_4_5	26663
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	36015
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	21551
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	29028

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	283733848	283733848	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	283733848	283733848	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	283733848	283733848	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	283733848	283733848	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	283733848	283733848	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	283733848	283733848	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	283733848	283733848	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	283733848	283733848	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3236492576	3236492576	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	283733848	283733848	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	283733848	283733848	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	283733848	283733848	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	✔
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	✔
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.33 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4
k_CustBattDiagLOIspd_kph_f32	141.347183
k_CustBattDiaghispd_kph_f32	0
k_CustBattDiaglospd_kph_f32	241.373901
target_CustBattDiag_Per2_Batt_Volt_f32.value	14.42237
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	1
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	1
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	6
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1

Name	Input Value
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	24.0019302
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3941497960
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_CTerm_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32
target_lowerVoltage_volt_u10p6	773
target_lowerVoltage_volt_u10p6_2	179
target_lowerVoltage_volt_u10p6_2_3	439
target_lowerVoltage_volt_u10p6_2_3_4	497
target_lowerVoltage_volt_u10p6_2_3_4_5	174
target_lowerVoltage_volt_u10p6_2_3_4_5_6	655
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	44
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	928
target_lowerWindowThresh_Cnt_u16	9603
target_lowerWindowThresh_Cnt_u16_2	19186
target_lowerWindowThresh_Cnt_u16_2_3	14665
target_lowerWindowThresh_Cnt_u16_2_3_4	27009
target_lowerWindowThresh_Cnt_u16_2_3_4_5	26305
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	50758
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	17544
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	12032
target_upperVoltage_volt_u10p6	43427
target_upperVoltage_volt_u10p6_2	62309
target_upperVoltage_volt_u10p6_2_3	59808
target_upperVoltage_volt_u10p6_2_3_4	50918
target_upperVoltage_volt_u10p6_2_3_4_5	13395
target_upperVoltage_volt_u10p6_2_3_4_5_6	38309
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	1725
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	40298
target_upperWindowThresh_Cnt_u16	57181
target_upperWindowThresh_Cnt_u16_2	24515
target_upperWindowThresh_Cnt_u16_2_3	27009
target_upperWindowThresh_Cnt_u16_2_3_4	60977
target_upperWindowThresh_Cnt_u16_2_3_4_5	14996
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	3091
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	16659
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	38237

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	3941497960	3941497960	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	3941497960	3941497960	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	3941497960	3941497960	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	3941497960	3941497960	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	3941497960	3941497960	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3941497960	3941497960	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	283733848	283733848	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	283733848	283733848	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3941497960	3941497960	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3941497960	3941497960	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3941497960	3941497960	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3941497960	3941497960	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	✔
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	✔
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.34 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	0
k_CustBattDiagLOIspd_kph_f32	381.472748
k_CustBattDiaghispd_kph_f32	512
k_CustBattDiaglospd_kph_f32	446.311371
target_CustBattDiag_Per2_Batt_Volt_f32.value	20.2736282
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	0
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	0
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	13
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	161.981308
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0

Name	Input Value
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3312538681
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_CTerm_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32
target_lowerVoltage_volt_u10p6	818
target_lowerVoltage_volt_u10p6_2	837
target_lowerVoltage_volt_u10p6_2_3	851
target_lowerVoltage_volt_u10p6_2_3_4	857
target_lowerVoltage_volt_u10p6_2_3_4_5	155
target_lowerVoltage_volt_u10p6_2_3_4_5_6	589
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	839
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	96
target_lowerWindowThresh_Cnt_u16	47723
target_lowerWindowThresh_Cnt_u16_2	46107
target_lowerWindowThresh_Cnt_u16_2_3	65329
target_lowerWindowThresh_Cnt_u16_2_3_4	24036
target_lowerWindowThresh_Cnt_u16_2_3_4_5	38994
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	56611
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	26764
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	40576
target_upperVoltage_volt_u10p6	26654
target_upperVoltage_volt_u10p6_2	61766
target_upperVoltage_volt_u10p6_2_3	58650
target_upperVoltage_volt_u10p6_2_3_4	2864
target_upperVoltage_volt_u10p6_2_3_4_5	32756
target_upperVoltage_volt_u10p6_2_3_4_5_6	24549
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	24357
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	63765
target_upperWindowThresh_Cnt_u16	39397
target_upperWindowThresh_Cnt_u16_2	15049
target_upperWindowThresh_Cnt_u16_2_3	24036
target_upperWindowThresh_Cnt_u16_2_3_4	2226
target_upperWindowThresh_Cnt_u16_2_3_4_5	43664
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	43738
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	31725
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	36865

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	3312538681	3312538681	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	3312538681	3312538681	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	3312538681	3312538681	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	3312538681	3312538681	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	3312538681	3312538681	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3312538681	3312538681	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3312538681	3312538681	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3312538681	3312538681	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3941497960	3941497960	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3312538681	3312538681	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3312538681	3312538681	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3312538681	3312538681	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	✔
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	✔
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.35 (Repeat Count = 1)		✔
Name	**Input Value**	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	3	
k_CustBattDiagLOIspd_kph_f32	46.3778725	
k_CustBattDiaghispd_kph_f32	8	
k_CustBattDiaglospd_kph_f32	150.832413	
target_CustBattDiag_Per2_Batt_Volt_f32.value	5.57354784	
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	1	
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	0	
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0	
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	11	
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0	
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	0	
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1	

Name	Input Value
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	212.664383
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	2384226418
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_CTerm_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32
target_lowerVoltage_volt_u10p6	836
target_lowerVoltage_volt_u10p6_2	111
target_lowerVoltage_volt_u10p6_2_3	956
target_lowerVoltage_volt_u10p6_2_3_4	157
target_lowerVoltage_volt_u10p6_2_3_4_5	26
target_lowerVoltage_volt_u10p6_2_3_4_5_6	480
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	842
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	239
target_lowerWindowThresh_Cnt_u16	10354
target_lowerWindowThresh_Cnt_u16_2	50221
target_lowerWindowThresh_Cnt_u16_2_3	26898
target_lowerWindowThresh_Cnt_u16_2_3_4	10119
target_lowerWindowThresh_Cnt_u16_2_3_4_5	26284
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	49186
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	21827
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	63231
target_upperVoltage_volt_u10p6	57509
target_upperVoltage_volt_u10p6_2	7939
target_upperVoltage_volt_u10p6_2_3	41281
target_upperVoltage_volt_u10p6_2_3_4	32858
target_upperVoltage_volt_u10p6_2_3_4_5	47252
target_upperVoltage_volt_u10p6_2_3_4_5_6	11144
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	57224
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	44896
target_upperWindowThresh_Cnt_u16	2835
target_upperWindowThresh_Cnt_u16_2	34014
target_upperWindowThresh_Cnt_u16_2_3	10119
target_upperWindowThresh_Cnt_u16_2_3_4	48201
target_upperWindowThresh_Cnt_u16_2_3_4_5	24617
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	29174
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	49003
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	3465

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	2384226418	2384226418	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2384226418	2384226418	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2384226418	2384226418	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2384226418	2384226418	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2384226418	2384226418	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2384226418	2384226418	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	2384226418	2384226418	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2384226418	2384226418	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3941497960	3941497960	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2384226418	2384226418	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2384226418	2384226418	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	2384226418	2384226418	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	✔
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	✔
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.36 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2
k_CustBattDiagLOlspd_kph_f32	410.670868
k_CustBattDiaghispd_kph_f32	224.469345
k_CustBattDiaglospd_kph_f32	0
target_CustBattDiag_Per2_Batt_Volt_f32.value	25.0074081
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	1
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	1
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	2
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1

Name	Input Value
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	182.062881
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	712584737
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_CTerm_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32
target_lowerVoltage_volt_u10p6	36
target_lowerVoltage_volt_u10p6_2	255
target_lowerVoltage_volt_u10p6_2_3	613
target_lowerVoltage_volt_u10p6_2_3_4	271
target_lowerVoltage_volt_u10p6_2_3_4_5	778
target_lowerVoltage_volt_u10p6_2_3_4_5_6	754
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	134
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	512
target_lowerWindowThresh_Cnt_u16	34549
target_lowerWindowThresh_Cnt_u16_2	36255
target_lowerWindowThresh_Cnt_u16_2_3	52371
target_lowerWindowThresh_Cnt_u16_2_3_4	18039
target_lowerWindowThresh_Cnt_u16_2_3_4_5	3310
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	43515
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	7689
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	30630
target_upperVoltage_volt_u10p6	11341
target_upperVoltage_volt_u10p6_2	42156
target_upperVoltage_volt_u10p6_2_3	32484
target_upperVoltage_volt_u10p6_2_3_4	984
target_upperVoltage_volt_u10p6_2_3_4_5	28903
target_upperVoltage_volt_u10p6_2_3_4_5_6	27267
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	23139
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	337
target_upperWindowThresh_Cnt_u16	29253
target_upperWindowThresh_Cnt_u16_2	23519
target_upperWindowThresh_Cnt_u16_2_3	18039
target_upperWindowThresh_Cnt_u16_2_3_4	9837
target_upperWindowThresh_Cnt_u16_2_3_4_5	19261
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	12906
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	59619
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	30394

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	712584737	712584737	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	712584737	712584737	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	712584737	712584737	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	712584737	712584737	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	712584737	712584737	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	712584737	712584737	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	2384226418	2384226418	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2384226418	2384226418	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	712584737	712584737	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	712584737	712584737	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	712584737	712584737	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	2384226418	2384226418	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	✔
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	✔
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.37 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	3
k_CustBattDiagLOIspd_kph_f32	315.118378
k_CustBattDiaghispd_kph_f32	248.712433
k_CustBattDiaglospd_kph_f32	512
target_CustBattDiag_Per2_Batt_Volt_f32.value	19.0423527
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	1
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	1
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	7
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	452.464783
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1

Name	Input Value
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3551195831
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_CTerm_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32
target_lowerVoltage_volt_u10p6	828
target_lowerVoltage_volt_u10p6_2	522
target_lowerVoltage_volt_u10p6_2_3	307
target_lowerVoltage_volt_u10p6_2_3_4	84
target_lowerVoltage_volt_u10p6_2_3_4_5	822
target_lowerVoltage_volt_u10p6_2_3_4_5_6	416
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	12
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	6
target_lowerWindowThresh_Cnt_u16	53222
target_lowerWindowThresh_Cnt_u16_2	55203
target_lowerWindowThresh_Cnt_u16_2_3	11320
target_lowerWindowThresh_Cnt_u16_2_3_4	25076
target_lowerWindowThresh_Cnt_u16_2_3_4_5	33433
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	53613
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	4648
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	32187
target_upperVoltage_volt_u10p6	38701
target_upperVoltage_volt_u10p6_2	4108
target_upperVoltage_volt_u10p6_2_3	15796
target_upperVoltage_volt_u10p6_2_3_4	3671
target_upperVoltage_volt_u10p6_2_3_4_5	24763
target_upperVoltage_volt_u10p6_2_3_4_5_6	59366
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	21977
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	21722
target_upperWindowThresh_Cnt_u16	54472
target_upperWindowThresh_Cnt_u16_2	834
target_upperWindowThresh_Cnt_u16_2_3	25076
target_upperWindowThresh_Cnt_u16_2_3_4	45938
target_upperWindowThresh_Cnt_u16_2_3_4_5	23125
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	629
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	32611
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	26109

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	3551195831	3551195831	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	3551195831	3551195831	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	3551195831	3551195831	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	3551195831	3551195831	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	3551195831	3551195831	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3551195831	3551195831	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3551195831	3551195831	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3551195831	3551195831	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3551195831	3551195831	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3551195831	3551195831	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3551195831	3551195831	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3551195831	3551195831	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	✔
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	✔
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.38 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	3
k_CustBattDiagLOIspd_kph_f32	146.688934
k_CustBattDiaghispd_kph_f32	127.387489
k_CustBattDiaglospd_kph_f32	8
target_CustBattDiag_Per2_Batt_Volt_f32.value	20.1726799
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	1
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	0
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	14
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1

Name	Input Value
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	79.2504807
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	992742142
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_CTerm_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32
target_lowerVoltage_volt_u10p6	588
target_lowerVoltage_volt_u10p6_2	653
target_lowerVoltage_volt_u10p6_2_3	974
target_lowerVoltage_volt_u10p6_2_3_4	434
target_lowerVoltage_volt_u10p6_2_3_4_5	581
target_lowerVoltage_volt_u10p6_2_3_4_5_6	616
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	595
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	518
target_lowerWindowThresh_Cnt_u16	44280
target_lowerWindowThresh_Cnt_u16_2	48213
target_lowerWindowThresh_Cnt_u16_2_3	47900
target_lowerWindowThresh_Cnt_u16_2_3_4	39344
target_lowerWindowThresh_Cnt_u16_2_3_4_5	32367
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	60769
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	61468
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	16651
target_upperVoltage_volt_u10p6	38327
target_upperVoltage_volt_u10p6_2	49635
target_upperVoltage_volt_u10p6_2_3	59892
target_upperVoltage_volt_u10p6_2_3_4	3661
target_upperVoltage_volt_u10p6_2_3_4_5	7112
target_upperVoltage_volt_u10p6_2_3_4_5_6	64962
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	53014
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	44650
target_upperWindowThresh_Cnt_u16	16682
target_upperWindowThresh_Cnt_u16_2	26653
target_upperWindowThresh_Cnt_u16_2_3	39344
target_upperWindowThresh_Cnt_u16_2_3_4	59322
target_upperWindowThresh_Cnt_u16_2_3_4_5	39179
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	44614
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	9674
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	25672

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	992742142	992742142	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	992742142	992742142	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	992742142	992742142	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	992742142	992742142	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	992742142	992742142	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	992742142	992742142	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3551195831	3551195831	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3551195831	3551195831	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3551195831	3551195831	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	992742142	992742142	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	992742142	992742142	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	992742142	992742142	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	✔
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	✔
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Project	CustBattDiag
Module	CustBattDiag
Test Object	CustBattDiag_GetImaginaryIgnVoltage

Instrumentation: Test Object Only

Statement (C0) Coverage	36.17 %
Decision Coverage	29.03 %
Branch (C1) Coverage	29.03 %
MC/DC Coverage	30.15 %

Statistics

Total Testcases	2	
Successful	2	✔
Failed	0	
Not Executed	0	

Comments/Description/Specification

Name	Text
Module 'CustBattDiag'	************************Unit Test Information***************************** Name of Tester: Chandrakanth Sheegi Code File(s) Under Test:Ap_CustBattDiag.c Code File(s) Version:5 Module Design Document:CustomerBattDiagnostic_MDD.docx Module Design Document Version:2 Data Dictionary Version: 3 Unit Test Plan Version:5 Optimization Level:Ogeneral Compiler (CodeGen) Version: TMS470_4.9.5 Model Type:None Model Version:Nexteer EPS Unit Test Tool 1.0 Total FLASH Used (Bytes):906 Total RAM Used (Bytes):64 Total CALS Used (Bytes):88 Special Test Requirements:NA Test Date:5/17/2018 Comments: "NOTE 1: Inline functions defined in GlobalMacro.h are not unit tested. NOTE 2: ""CBD_Sandbox_dbg.map"" map file is embedded for reference. NOTE 3: In function "CustBattDiag_GetImaginaryIgnVoltage" 'D_IMAGINARY_IGN_ON_VOLTS_U10P6' , 'D_IMAGINARY_IGN_UNKNWN_VOLTS_U10P6'and 'D_IMAGINARY_IGN_OFF_VOLTS_U10P6' constants are used, these constants are defined as (FPM_InitFixedPoint_m(6.0f, u10p6_T)) macro.Due to use of 'FPM_InitFixedPoint_m' macro 100% coverage can not be achieved. ***

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
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\UTP_PSA_CMP_CustBattDiag_Workspace\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

Test Case 1: Metrics Test ✔

Description   Vector Description:

TS1.1Shortest Path==>(SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE)=False
TS1.2"Longest Path==>(SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE)=True&&(SystemState_Cnt_T_enum ==
RTE_MODE_StaMd_Mode_OPERATE)=False&&((EngOn_Cnt_T_lgc == TRUE)=False ||
(VehSpd_Kph_T_f32 > k_CustBattDiagLOIspd_kph_f32))=False"

Test Step 1.1 (Repeat Count = 1) ✔

Name	Input Value
EngOn_Cnt_T_lgc	0
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
SystemState_Cnt_T_enum	0
VehSpd_Kph_T_f32	0
k_CustBattDiagLOIspd_kph_f32	0
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0

Name	Actual Value	Expected Value	Result
CustBattDiag_GetImaginaryIgnVoltage()	384	384	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔

Test Step 1.2 (Repeat Count = 1) ✔

Name	Input Value
EngOn_Cnt_T_lgc	0
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
SystemState_Cnt_T_enum	2
VehSpd_Kph_T_f32	207.460205
k_CustBattDiagLOIspd_kph_f32	214.56723
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0

Name	Actual Value	Expected Value	Result
CustBattDiag_GetImaginaryIgnVoltage()	384	384	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔

Test Case 2: Range Test   ✔

Description	Vector Description:

TS2.1All Min
TS2.2All Max
TS2.3SystemState_Cnt_T_enum==>RTE_MODE_StaMd_Mode_DISABLE
TS2.4SystemState_Cnt_T_enum==>RTE_MODE_StaMd_Mode_OFF
TS2.5SystemState_Cnt_T_enum==>RTE_MODE_StaMd_Mode_OPERATE
TS2.6SystemState_Cnt_T_enum==>RTE_MODE_StaMd_Mode_WARMINIT
TS2.7SystemState_Cnt_T_enum==>RTE_TRANSITION_StaMd_Mode
TS2.8EngOn_Cnt_T_lgc==>Min
TS2.9EngOn_Cnt_T_lgc==>Max
TS2.10VehSpd_Kph_T_f32==>Min
TS2.11VehSpd_Kph_T_f32==>Max
TS2.12VehSpd_Kph_T_f32==>Pos
TS2.13k_CustBattDiagLOIspd_kph_f32==>Min
TS2.14k_CustBattDiagLOIspd_kph_f32==>Max
TS2.15k_CustBattDiagLOIspd_kph_f32==>Pos/Default
TS2.16Rte_Call_EpsEn_OP_GET==>Min
TS2.17Rte_Call_EpsEn_OP_GET==>Max

Test Step 2.1 (Repeat Count = 1)   ✔

Name	Input Value		
EngOn_Cnt_T_lgc	0		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
SystemState_Cnt_T_enum	0		
VehSpd_Kph_T_f32	0		
k_CustBattDiagLOIspd_kph_f32	0		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
Name	**Actual Value**	**Expected Value**	**Result**
CustBattDiag_GetImaginaryIgnVoltage()	384	384	✔

Test Step Call Trace   ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔

Test Step 2.2 (Repeat Count = 1)   ✔

Name	Input Value		
EngOn_Cnt_T_lgc	1		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
SystemState_Cnt_T_enum	4		
VehSpd_Kph_T_f32	512		
k_CustBattDiagLOIspd_kph_f32	512		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
Name	**Actual Value**	**Expected Value**	**Result**
CustBattDiag_GetImaginaryIgnVoltage()	384	384	✔

Test Step Call Trace   ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔

Test Step 2.3 (Repeat Count = 1)   ✔

Name	Input Value		
EngOn_Cnt_T_lgc	0		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
SystemState_Cnt_T_enum	0		
VehSpd_Kph_T_f32	67.4704819		
k_CustBattDiagLOIspd_kph_f32	278.038452		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
Name	**Actual Value**	**Expected Value**	**Result**
CustBattDiag_GetImaginaryIgnVoltage()	384	384	✔

Test Step Call Trace   ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔

Test Step 2.4 (Repeat Count = 1) ✔

Name	Input Value		
EngOn_Cnt_T_lgc	1		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
SystemState_Cnt_T_enum	1		
VehSpd_Kph_T_f32	248.564163		
k_CustBattDiagLOIspd_kph_f32	434.705658		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
Name	**Actual Value**	**Expected Value**	**Result**
CustBattDiag_GetImaginaryIgnVoltage()	384	384	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔

Test Step 2.5 (Repeat Count = 1) ✔

Name	Input Value		
EngOn_Cnt_T_lgc	0		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
SystemState_Cnt_T_enum	2		
VehSpd_Kph_T_f32	119.058182		
k_CustBattDiagLOIspd_kph_f32	333.170044		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
Name	**Actual Value**	**Expected Value**	**Result**
CustBattDiag_GetImaginaryIgnVoltage()	768	768	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔

Test Step 2.6 (Repeat Count = 1) ✔

Name	Input Value		
EngOn_Cnt_T_lgc	1		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
SystemState_Cnt_T_enum	3		
VehSpd_Kph_T_f32	247.761032		
k_CustBattDiagLOIspd_kph_f32	21.2740021		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
Name	**Actual Value**	**Expected Value**	**Result**
CustBattDiag_GetImaginaryIgnVoltage()	384	384	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔

Test Step 2.7 (Repeat Count = 1) ✔

Name	Input Value		
EngOn_Cnt_T_lgc	0		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
SystemState_Cnt_T_enum	4		
VehSpd_Kph_T_f32	216.068512		
k_CustBattDiagLOIspd_kph_f32	22.1641464		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
Name	**Actual Value**	**Expected Value**	**Result**
CustBattDiag_GetImaginaryIgnVoltage()	384	384	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔

Test Step 2.8 (Repeat Count = 1)

Name	Input Value		
EngOn_Cnt_T_lgc	0		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
SystemState_Cnt_T_enum	2		
VehSpd_Kph_T_f32	207.460205		
k_CustBattDiagLOIspd_kph_f32	214.56723		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
Name	**Actual Value**	**Expected Value**	**Result**
CustBattDiag_GetImaginaryIgnVoltage()	384	384	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔

Test Step 2.9 (Repeat Count = 1)

Name	Input Value		
EngOn_Cnt_T_lgc	1		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
SystemState_Cnt_T_enum	2		
VehSpd_Kph_T_f32	452.458527		
k_CustBattDiagLOIspd_kph_f32	122.926636		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
Name	**Actual Value**	**Expected Value**	**Result**
CustBattDiag_GetImaginaryIgnVoltage()	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔

Test Step 2.10 (Repeat Count = 1)

Name	Input Value		
EngOn_Cnt_T_lgc	0		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
SystemState_Cnt_T_enum	2		
VehSpd_Kph_T_f32	0		
k_CustBattDiagLOIspd_kph_f32	331.520874		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
Name	**Actual Value**	**Expected Value**	**Result**
CustBattDiag_GetImaginaryIgnVoltage()	384	384	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔

Test Step 2.11 (Repeat Count = 1)

Name	Input Value		
EngOn_Cnt_T_lgc	0		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
SystemState_Cnt_T_enum	2		
VehSpd_Kph_T_f32	512		
k_CustBattDiagLOIspd_kph_f32	403.014618		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
Name	**Actual Value**	**Expected Value**	**Result**
CustBattDiag_GetImaginaryIgnVoltage()	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔

Test Step 2.12 (Repeat Count = 1)

Name	Input Value		
EngOn_Cnt_T_lgc	0		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
SystemState_Cnt_T_enum	2		
VehSpd_Kph_T_f32	12.1294603		
k_CustBattDiagLOIspd_kph_f32	282.535614		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
Name	**Actual Value**	**Expected Value**	**Result**
CustBattDiag_GetImaginaryIgnVoltage()	384	384	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔

Test Step 2.13 (Repeat Count = 1)

Name	Input Value		
EngOn_Cnt_T_lgc	1		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
SystemState_Cnt_T_enum	2		
VehSpd_Kph_T_f32	178.792084		
k_CustBattDiagLOIspd_kph_f32	0		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
Name	**Actual Value**	**Expected Value**	**Result**
CustBattDiag_GetImaginaryIgnVoltage()	0	0	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔

Test Step 2.14 (Repeat Count = 1)

Name	Input Value		
EngOn_Cnt_T_lgc	1		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
SystemState_Cnt_T_enum	1		
VehSpd_Kph_T_f32	499.401703		
k_CustBattDiagLOIspd_kph_f32	512		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
Name	**Actual Value**	**Expected Value**	**Result**
CustBattDiag_GetImaginaryIgnVoltage()	384	384	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔

Test Step 2.15 (Repeat Count = 1)

Name	Input Value		
EngOn_Cnt_T_lgc	0		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
SystemState_Cnt_T_enum	4		
VehSpd_Kph_T_f32	506.108276		
k_CustBattDiagLOIspd_kph_f32	8		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
Name	**Actual Value**	**Expected Value**	**Result**
CustBattDiag_GetImaginaryIgnVoltage()	384	384	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔

Test Step 2.16 (Repeat Count = 1)

Name	Input Value		
EngOn_Cnt_T_lgc	1		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
SystemState_Cnt_T_enum	4		
VehSpd_Kph_T_f32	305.454041		
k_CustBattDiagLOIspd_kph_f32	204.504959		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
Name	**Actual Value**	**Expected Value**	**Result**
CustBattDiag_GetImaginaryIgnVoltage()	384	384	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔

Test Step 2.17 (Repeat Count = 1)

Name	Input Value		
EngOn_Cnt_T_lgc	0		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
SystemState_Cnt_T_enum	3		
VehSpd_Kph_T_f32	253.606369		
k_CustBattDiagLOIspd_kph_f32	393.126343		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
Name	**Actual Value**	**Expected Value**	**Result**
CustBattDiag_GetImaginaryIgnVoltage()	384	384	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✔

Project	CustBattDiag
Module	CustBattDiag
Test Object	CustBattDiag_ReportFaultWithHisteresis

Instrumentation: Test Object Only

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

Statistics

Total Testcases	2	
Successful	2	✔
Failed	0	
Not Executed	0	

Comments/Description/Specification	
Name	**Text**
Module 'CustBattDiag'	*************************Unit Test Information******************************* Name of Tester: Chandrakanth Sheegi Code File(s) Under Test:Ap_CustBattDiag.c Code File(s) Version:5 Module Design Document:CustomerBattDiagnostic_MDD.docx Module Design Document Version:2 Data Dictionary Version: 3 Unit Test Plan Version:5 Optimization Level:Ogeneral Compiler (CodeGen) Version: TMS470_4.9.5 Model Type:None Model Version:Nexteer EPS Unit Test Tool 1.0 Total FLASH Used (Bytes):906 Total RAM Used (Bytes):64 Total CALS Used (Bytes):88 Special Test Requirements:NA Test Date:5/17/2018 Comments: "NOTE 1: Inline functions defined in GlobalMacro.h are not unit tested. NOTE 2: ""CBD_Sandbox_dbg.map"" map file is embedded for reference. NOTE 3: In function "CustBattDiag_GetImaginaryIgnVoltage" 'D_IMAGINARY_IGN_ON_VOLTS_U10P6' , 'D_IMAGINARY_IGN_UNKNWN_VOLTS_U10P6'and 'D_IMAGINARY_IGN_OFF_VOLTS_U10P6' constants are used, these constants are defined as (FPM_InitFixedPoint_m(6.0f, u10p6_T)) macro.Due to use of 'FPM_InitFixedPoint_m' macro 100% coverage can not be achieved. **

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
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\UTP_PSA_CMP_CustBattDiag_Workspace\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

Test Case 1: Metrics Test ✔

Description

Vector Description:

TS1.1Longest Path==>((FALSE == lowVoltageExtraCryteria_Cnt_T_lgc)
=True&&(*(CustBattDiagNtcConfig_Str[ntc].lowerWindowThresh_Cnt_u16) <=
ElapsedTime_Cnt_T_u16)=True&&(*(CustBattDiagNtcConfig_Str[ntc].upperVoltage_volt_u10p6) >=
Voltage_Volts_T_u10p6)=True&&(*(CustBattDiagNtcConfig_Str[ntc].upperWindowThresh_Cnt_u16) <= ElapsedTime_Cnt_T_u16)=True
TS1.2"Shortest Path==>((FALSE == lowVoltageExtraCryteria_Cnt_T_lgc) =False||
(*(CustBattDiagNtcConfig_Str[ntc].lowerVoltage_volt_u10p6) <=
Voltage_Volts_T_u10p6)=True)&&(*(CustBattDiagNtcConfig_Str[ntc].lowerWindowThresh_Cnt_u16) <=
ElapsedTime_Cnt_T_u16)=False&&(*(CustBattDiagNtcConfig_Str[ntc].upperVoltage_volt_u10p6) >=
Voltage_Volts_T_u10p6))=False&&(*(CustBattDiagNtcConfig_Str[ntc].upperWindowThresh_Cnt_u16) <= ElapsedTime_Cnt_T_u16)=False"

Test Step 1.1 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	0
Voltage_Volts_T_u10p6	0
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E0
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0
target_lowerVoltage_volt_u10p6	0
target_lowerVoltage_volt_u10p6_2	0
target_lowerVoltage_volt_u10p6_2_3	0
target_lowerVoltage_volt_u10p6_2_3_4	0
target_lowerVoltage_volt_u10p6_2_3_4_5	0
target_lowerVoltage_volt_u10p6_2_3_4_5_6	0
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	0
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	0
target_lowerWindowThresh_Cnt_u16	0
target_lowerWindowThresh_Cnt_u16_2	0
target_lowerWindowThresh_Cnt_u16_2_3	0
target_lowerWindowThresh_Cnt_u16_2_3_4	0
target_lowerWindowThresh_Cnt_u16_2_3_4_5	0
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	0
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	0
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	0
target_upperVoltage_volt_u10p6	0
target_upperVoltage_volt_u10p6_2	0
target_upperVoltage_volt_u10p6_2_3	0

Name	Input Value
target_upperVoltage_volt_u10p6_2_3_4	0
target_upperVoltage_volt_u10p6_2_3_4_5	0
target_upperVoltage_volt_u10p6_2_3_4_5_6	0
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	0
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	0
target_upperWindowThresh_Cnt_u16	0
target_upperWindowThresh_Cnt_u16_2	0
target_upperWindowThresh_Cnt_u16_2_3	0
target_upperWindowThresh_Cnt_u16_2_3_4	0
target_upperWindowThresh_Cnt_u16_2_3_4_5	0
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	0
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	0
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	0

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 1.2 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8

Name	Input Value
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	1712660671
Voltage_Volts_T_u10p6	567
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E8
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	13615
target_lowerVoltage_volt_u10p6	755
target_lowerVoltage_volt_u10p6_2	889
target_lowerVoltage_volt_u10p6_2_3	409
target_lowerVoltage_volt_u10p6_2_3_4	1023
target_lowerVoltage_volt_u10p6_2_3_4_5	568
target_lowerVoltage_volt_u10p6_2_3_4_5_6	776
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	413
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	911
target_lowerWindowThresh_Cnt_u16	7378
target_lowerWindowThresh_Cnt_u16_2	19840
target_lowerWindowThresh_Cnt_u16_2_3	52957
target_lowerWindowThresh_Cnt_u16_2_3_4	59975
target_lowerWindowThresh_Cnt_u16_2_3_4_5	34878
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	43855
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	29768
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	60680
target_upperVoltage_volt_u10p6	755
target_upperVoltage_volt_u10p6_2	889
target_upperVoltage_volt_u10p6_2_3	409
target_upperVoltage_volt_u10p6_2_3_4	720
target_upperVoltage_volt_u10p6_2_3_4_5	568
target_upperVoltage_volt_u10p6_2_3_4_5_6	776
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	413
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	911
target_upperWindowThresh_Cnt_u16	64773
target_upperWindowThresh_Cnt_u16_2	13372
target_upperWindowThresh_Cnt_u16_2_3	27712
target_upperWindowThresh_Cnt_u16_2_3_4	57572
target_upperWindowThresh_Cnt_u16_2_3_4_5	36316
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	62666
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	35266
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	34561

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	1712660671	1712660671	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Case 2: Range Test

Description Vector Description:

TS2.1All Min
TS2.2All Max
TS2.3ntc==>Min
TS2.4ntc==>Max
TS2.5ntc==>Pos
TS2.6lowVoltageExtraCryteria_Cnt_T_lgc==>Min
TS2.7lowVoltageExtraCryteria_Cnt_T_lgc==>Max
TS2.8Voltage_Volts_T_u10p6==>Min
TS2.9Voltage_Volts_T_u10p6==>Max
TS2.10Voltage_Volts_T_u10p6==>Pos
TS2.11SystemTime_mS_T_u32==>Min
TS2.12SystemTime_mS_T_u32==>Max
TS2.13SystemTime_mS_T_u32==>Pos
TS2.14CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16==>Min
TS2.15CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16==>Max
TS2.16CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16==>Pos
TS2.17 CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6==>Min
TS2.18 CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6==>Max
TS2.19 CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6 ==>Pos
TS2.20 CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16==>Min
TS2.21 CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16==>Max
TS2.22 CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16==>Pos
TS2.23CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16==>Min
TS2.24CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16==>Max
TS2.25CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16==>Pos
TS2.26 CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6==>Min
TS2.27 CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6==>Max
TS2.28 CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6 ==>Pos
TS2.29 CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16==>Min
TS2.30 CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16==>Max
TS2.31 CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16==>Pos
TS2.32CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16==>Min
TS2.33CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16==>Max
TS2.34CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16==>Pos
TS2.35 CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6==>Min
TS2.36 CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6==>Max
TS2.37 CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6 ==>Pos
TS2.38 CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16==>Min
TS2.39 CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16==>Max
TS2.40 CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16==>Pos
TS2.41CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16==>Min
TS2.42CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16==>Max
TS2.43CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16==>Pos
TS2.44 CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6==>Min
TS2.45 CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6==>Max
TS2.46 CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6 ==>Pos
TS2.47 CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16==>Min
TS2.48 CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16==>Max
TS2.49 CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16==>Pos
TS2.50CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16==>Min
TS2.51CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16==>Max
TS2.52CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16==>Pos
TS2.53 CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6==>Min
TS2.54 CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6==>Max
TS2.55 CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6 ==>Pos
TS2.56 CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16==>Min
TS2.57 CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16==>Max
TS2.58 CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16==>Pos
TS2.59CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16==>Min
TS2.60CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16==>Max
TS2.61CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16==>Pos
TS2.62 CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6==>Min
TS2.63 CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6==>Max
TS2.64 CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6 ==>Pos
TS2.65 CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16==>Min
TS2.66 CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16==>Max
TS2.67 CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16==>Pos
TS2.68CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16==>Min
TS2.69CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16==>Max
TS2.70CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16==>Pos
TS2.71 CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6==>Min
TS2.72 CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6==>Max
TS2.73 CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6 ==>Pos
TS2.74 CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16==>Min
TS2.75 CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16==>Max
TS2.76 CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16==>Pos
TS2.77CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16==>Min
TS2.78CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16==>Max
TS2.79CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16==>Pos
TS2.80 CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6==>Min
TS2.81 CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6==>Max
TS2.82 CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6 ==>Pos
TS2.83 CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16==>Min
TS2.84 CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16==>Max
TS2.85 CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16==>Pos
TS2.86 Rte_Call_SystemTime_GetSystemTime_mS_u32==>Min
TS2.87 Rte_Call_SystemTime_GetSystemTime_mS_u32==>Max
TS2.88 Rte_Call_SystemTime_GetSystemTime_mS_u32==>Pos
TS2.89Rte_Call_SystemTime_DtrmnElapsedTime_mS_u16==>Min
TS2.90Rte_Call_SystemTime_DtrmnElapsedTime_mS_u16==>Max
TS2.91Rte_Call_SystemTime_DtrmnElapsedTime_mS_u16==>Pos
TS2.92CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6==>Min
TS2.93CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6==>Max
TS2.94CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6==>Pos

TS2.95CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6==>Min
TS2.96CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6==>Max
TS2.97CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6==>Pos
TS2.98CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6==>Min
TS2.99CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6==>Max
TS2.100CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6==>Pos
TS2.101CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6==>Min
TS2.102CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6==>Max
TS2.103CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6==>Pos
TS2.104CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6==>Min
TS2.105CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6==>Max
TS2.106CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6==>Pos
TS2.107CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6==>Min
TS2.108CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6==>Max
TS2.109CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6==>Pos
TS2.110CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6==>Min
TS2.111CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6==>Max
TS2.112CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6==>Pos
TS2.113CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6==>Min
TS2.114CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6==>Max
TS2.115CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6==>Pos

Test Step 2.1 (Repeat Count = 1)   ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	0
Voltage_Volts_T_u10p6	0
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E0
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0
target_lowerVoltage_volt_u10p6	0
target_lowerVoltage_volt_u10p6_2	0
target_lowerVoltage_volt_u10p6_2_3	0
target_lowerVoltage_volt_u10p6_2_3_4	0
target_lowerVoltage_volt_u10p6_2_3_4_5	0
target_lowerVoltage_volt_u10p6_2_3_4_5_6	0
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	0
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	0
target_lowerWindowThresh_Cnt_u16	0
target_lowerWindowThresh_Cnt_u16_2	0
target_lowerWindowThresh_Cnt_u16_2_3	0
target_lowerWindowThresh_Cnt_u16_2_3_4	0
target_lowerWindowThresh_Cnt_u16_2_3_4_5	0
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	0
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	0

Name	Input Value
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	0
target_upperVoltage_volt_u10p6	0
target_upperVoltage_volt_u10p6_2	0
target_upperVoltage_volt_u10p6_2_3	0
target_upperVoltage_volt_u10p6_2_3_4	0
target_upperVoltage_volt_u10p6_2_3_4_5	0
target_upperVoltage_volt_u10p6_2_3_4_5_6	0
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	0
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	0
target_upperWindowThresh_Cnt_u16	0
target_upperWindowThresh_Cnt_u16_2	0
target_upperWindowThresh_Cnt_u16_2_3	0
target_upperWindowThresh_Cnt_u16_2_3_4	0
target_upperWindowThresh_Cnt_u16_2_3_4_5	0
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	0
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	0
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	0

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	1712660671	1712660671	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	0	0	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.2 (Repeat Count = 1)	✔
Name	**Input Value**
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7

Name	Input Value
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	4294967295
Voltage_Volts_T_u10p6	1023
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E9
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	65535
target_lowerVoltage_volt_u10p6	65535
target_lowerVoltage_volt_u10p6_2	65535
target_lowerVoltage_volt_u10p6_2_3	65535
target_lowerVoltage_volt_u10p6_2_3_4	65535
target_lowerVoltage_volt_u10p6_2_3_4_5	65535
target_lowerVoltage_volt_u10p6_2_3_4_5_6	65535
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	65535
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	65535
target_lowerWindowThresh_Cnt_u16	65535
target_lowerWindowThresh_Cnt_u16_2	65535
target_lowerWindowThresh_Cnt_u16_2_3	65535
target_lowerWindowThresh_Cnt_u16_2_3_4	65535
target_lowerWindowThresh_Cnt_u16_2_3_4_5	65535
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	65535
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	65535
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	65535
target_upperVoltage_volt_u10p6	65535
target_upperVoltage_volt_u10p6_2	65535
target_upperVoltage_volt_u10p6_2_3	65535
target_upperVoltage_volt_u10p6_2_3_4	65535
target_upperVoltage_volt_u10p6_2_3_4_5	65535
target_upperVoltage_volt_u10p6_2_3_4_5_6	65535
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	65535
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	65535
target_upperWindowThresh_Cnt_u16	65535
target_upperWindowThresh_Cnt_u16_2	65535
target_upperWindowThresh_Cnt_u16_2_3	65535
target_upperWindowThresh_Cnt_u16_2_3_4	65535
target_upperWindowThresh_Cnt_u16_2_3_4_5	65535
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	65535
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	65535
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	65535

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	1712660671	1712660671	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	4294967295	4294967295	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16		1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus		1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16		1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus		1	✔

Test Step 2.3 (Repeat Count = 1)	✔
Name	**Input Value**
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	2328168258
Voltage_Volts_T_u10p6	217
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E0
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	34399
target_lowerVoltage_volt_u10p6	23612
target_lowerVoltage_volt_u10p6_2	8987
target_lowerVoltage_volt_u10p6_2_3	7265
target_lowerVoltage_volt_u10p6_2_3_4	50434
target_lowerVoltage_volt_u10p6_2_3_4_5	766
target_lowerVoltage_volt_u10p6_2_3_4_5_6	31502
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	57393
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	13949
target_lowerWindowThresh_Cnt_u16	42618
target_lowerWindowThresh_Cnt_u16_2	26486
target_lowerWindowThresh_Cnt_u16_2_3	60666
target_lowerWindowThresh_Cnt_u16_2_3_4	28943
target_lowerWindowThresh_Cnt_u16_2_3_4_5	7073
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	64673
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	7284
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	6567
target_upperVoltage_volt_u10p6	23612
target_upperVoltage_volt_u10p6_2	8987
target_upperVoltage_volt_u10p6_2_3	7265
target_upperVoltage_volt_u10p6_2_3_4	50434
target_upperVoltage_volt_u10p6_2_3_4_5	766
target_upperVoltage_volt_u10p6_2_3_4_5_6	31502
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	57393
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	13949
target_upperWindowThresh_Cnt_u16	50942
target_upperWindowThresh_Cnt_u16_2	63439
target_upperWindowThresh_Cnt_u16_2_3	13099
target_upperWindowThresh_Cnt_u16_2_3_4	17918
target_upperWindowThresh_Cnt_u16_2_3_4_5	52478
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	35414
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	47575

Name	Input Value		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	61662		

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	2328168258	2328168258	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2328168258	2328168258	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	1712660671	1712660671	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	4294967295	4294967295	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16		2	✔

Test Step 2.4 (Repeat Count = 1)		✔
Name	**Input Value**	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
SystemTime_mS_T_u32	3513169172	
Voltage_Volts_T_u10p6	581	
k_LOIDetect_Volts_u10p6	0	
k_LOINotDetect_Volts_u10p6	0	
lowVoltageExtraCryteria_Cnt_T_lgc	1	
ntc	CustBattDiagNtc_E9	
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	53143	
target_lowerVoltage_volt_u10p6	60908	
target_lowerVoltage_volt_u10p6_2	39484	
target_lowerVoltage_volt_u10p6_2_3	7701	
target_lowerVoltage_volt_u10p6_2_3_4	55447	
target_lowerVoltage_volt_u10p6_2_3_4_5	46351	

Name	Input Value
target_lowerVoltage_volt_u10p6_2_3_4_5_6	64601
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	20105
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	37226
target_lowerWindowThresh_Cnt_u16	65510
target_lowerWindowThresh_Cnt_u16_2	15790
target_lowerWindowThresh_Cnt_u16_2_3	45688
target_lowerWindowThresh_Cnt_u16_2_3_4	25844
target_lowerWindowThresh_Cnt_u16_2_3_4_5	20313
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	1288
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	14009
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	28032
target_upperVoltage_volt_u10p6	60908
target_upperVoltage_volt_u10p6_2	39484
target_upperVoltage_volt_u10p6_2_3	7701
target_upperVoltage_volt_u10p6_2_3_4	55447
target_upperVoltage_volt_u10p6_2_3_4_5	46351
target_upperVoltage_volt_u10p6_2_3_4_5_6	64601
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	20105
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	37226
target_upperWindowThresh_Cnt_u16	62097
target_upperWindowThresh_Cnt_u16_2	60747
target_upperWindowThresh_Cnt_u16_2_3	36278
target_upperWindowThresh_Cnt_u16_2_3_4	40970
target_upperWindowThresh_Cnt_u16_2_3_4_5	15294
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	20862
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	32245
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	44317

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	2328168258	2328168258	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2328168258	2328168258	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	1712660671	1712660671	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3513169172	3513169172	✔

Test Step Call Trace　　　✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.5 (Repeat Count = 1)　　　✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4

Name	Input Value
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	589552193
Voltage_Volts_T_u10p6	413
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E2
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	58400
target_lowerVoltage_volt_u10p6	58163
target_lowerVoltage_volt_u10p6_2	60191
target_lowerVoltage_volt_u10p6_2_3	50872
target_lowerVoltage_volt_u10p6_2_3_4	711
target_lowerVoltage_volt_u10p6_2_3_4_5	35354
target_lowerVoltage_volt_u10p6_2_3_4_5_6	10806
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	14436
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	26475
target_lowerWindowThresh_Cnt_u16	1843
target_lowerWindowThresh_Cnt_u16_2	16186
target_lowerWindowThresh_Cnt_u16_2_3	22193
target_lowerWindowThresh_Cnt_u16_2_3_4	2011
target_lowerWindowThresh_Cnt_u16_2_3_4_5	63806
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	14042
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	38485
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	47566
target_upperVoltage_volt_u10p6	58163
target_upperVoltage_volt_u10p6_2	60191
target_upperVoltage_volt_u10p6_2_3	50872
target_upperVoltage_volt_u10p6_2_3_4	711
target_upperVoltage_volt_u10p6_2_3_4_5	35354
target_upperVoltage_volt_u10p6_2_3_4_5_6	10806
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	14436
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	26475
target_upperWindowThresh_Cnt_u16	37082
target_upperWindowThresh_Cnt_u16_2	1841
target_upperWindowThresh_Cnt_u16_2_3	28186
target_upperWindowThresh_Cnt_u16_2_3_4	39285
target_upperWindowThresh_Cnt_u16_2_3_4_5	13247
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	18213
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	27040
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	57991

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	2328168258	2328168258	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2328168258	2328168258	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	1712660671	1712660671	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3513169172	3513169172	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.6 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	3282021079
Voltage_Volts_T_u10p6	407
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E8
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	42468
target_lowerVoltage_volt_u10p6	13239
target_lowerVoltage_volt_u10p6_2	44258
target_lowerVoltage_volt_u10p6_2_3	65058
target_lowerVoltage_volt_u10p6_2_3_4	28598
target_lowerVoltage_volt_u10p6_2_3_4_5	14041
target_lowerVoltage_volt_u10p6_2_3_4_5_6	65535
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	14124
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	904
target_lowerWindowThresh_Cnt_u16	36475
target_lowerWindowThresh_Cnt_u16_2	65075
target_lowerWindowThresh_Cnt_u16_2_3	3429
target_lowerWindowThresh_Cnt_u16_2_3_4	38909
target_lowerWindowThresh_Cnt_u16_2_3_4_5	5377
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	56154
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	38068
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	64082
target_upperVoltage_volt_u10p6	13239
target_upperVoltage_volt_u10p6_2	44258
target_upperVoltage_volt_u10p6_2_3	65058
target_upperVoltage_volt_u10p6_2_3_4	28598
target_upperVoltage_volt_u10p6_2_3_4_5	14041

Name	Input Value
target_upperVoltage_volt_u10p6_2_3_4_5_6	61418
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	14124
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	904
target_upperWindowThresh_Cnt_u16	48753
target_upperWindowThresh_Cnt_u16_2	12556
target_upperWindowThresh_Cnt_u16_2_3	4940
target_upperWindowThresh_Cnt_u16_2_3_4	60948
target_upperWindowThresh_Cnt_u16_2_3_4_5	37826
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	4133
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	23271
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	43557

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	2328168258	2328168258	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2328168258	2328168258	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3282021079	3282021079	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3282021079	3282021079	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3513169172	3513169172	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.7 (Repeat Count = 1)		✔
Name	**Input Value**	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	

Name	Input Value
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	2645466218
Voltage_Volts_T_u10p6	168
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E8
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	36140
target_lowerVoltage_volt_u10p6	12897
target_lowerVoltage_volt_u10p6_2	3735
target_lowerVoltage_volt_u10p6_2_3	53802
target_lowerVoltage_volt_u10p6_2_3_4	43254
target_lowerVoltage_volt_u10p6_2_3_4_5	27792
target_lowerVoltage_volt_u10p6_2_3_4_5_6	58862
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	47748
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	13310
target_lowerWindowThresh_Cnt_u16	6219
target_lowerWindowThresh_Cnt_u16_2	5490
target_lowerWindowThresh_Cnt_u16_2_3	4400
target_lowerWindowThresh_Cnt_u16_2_3_4	39924
target_lowerWindowThresh_Cnt_u16_2_3_4_5	62762
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	43602
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	37489
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	7818
target_upperVoltage_volt_u10p6	12897
target_upperVoltage_volt_u10p6_2	3735
target_upperVoltage_volt_u10p6_2_3	53802
target_upperVoltage_volt_u10p6_2_3_4	43254
target_upperVoltage_volt_u10p6_2_3_4_5	27792
target_upperVoltage_volt_u10p6_2_3_4_5_6	58862
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	47748
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	13310
target_upperWindowThresh_Cnt_u16	53047
target_upperWindowThresh_Cnt_u16_2	64364
target_upperWindowThresh_Cnt_u16_2_3	40991
target_upperWindowThresh_Cnt_u16_2_3_4	31744
target_upperWindowThresh_Cnt_u16_2_3_4_5	61439
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	35935
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	17429
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	21753

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	2328168258	2328168258	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2328168258	2328168258	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3282021079	3282021079	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2645466218	2645466218	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3513169172	3513169172	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.8 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2

Name	Input Value
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	2276148984
Voltage_Volts_T_u10p6	0
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E6
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	42468
target_lowerVoltage_volt_u10p6	13239
target_lowerVoltage_volt_u10p6_2	44258
target_lowerVoltage_volt_u10p6_2_3	65058
target_lowerVoltage_volt_u10p6_2_3_4	28598
target_lowerVoltage_volt_u10p6_2_3_4_5	14041
target_lowerVoltage_volt_u10p6_2_3_4_5_6	61418
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	0
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	904
target_lowerWindowThresh_Cnt_u16	36475
target_lowerWindowThresh_Cnt_u16_2	65075
target_lowerWindowThresh_Cnt_u16_2_3	3429
target_lowerWindowThresh_Cnt_u16_2_3_4	38909
target_lowerWindowThresh_Cnt_u16_2_3_4_5	5377
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	56154
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	38068
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	64082
target_upperVoltage_volt_u10p6	13239
target_upperVoltage_volt_u10p6_2	44258
target_upperVoltage_volt_u10p6_2_3	65058
target_upperVoltage_volt_u10p6_2_3_4	28598
target_upperVoltage_volt_u10p6_2_3_4_5	14041
target_upperVoltage_volt_u10p6_2_3_4_5_6	61418
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	14124
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	904
target_upperWindowThresh_Cnt_u16	48753
target_upperWindowThresh_Cnt_u16_2	12556
target_upperWindowThresh_Cnt_u16_2_3	4940
target_upperWindowThresh_Cnt_u16_2_3_4	60948
target_upperWindowThresh_Cnt_u16_2_3_4_5	37826
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	4133
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	23271
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	43557

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	2328168258	2328168258	✓
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2328168258	2328168258	✓
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	✓

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2276148984	2276148984	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3282021079	3282021079	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2645466218	2645466218	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3513169172	3513169172	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔	

Test Step 2.9 (Repeat Count = 1)	✔
Name	**Input Value**
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	522686473
Voltage_Volts_T_u10p6	1023
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E8
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	36140
target_lowerVoltage_volt_u10p6	12897
target_lowerVoltage_volt_u10p6_2	3735
target_lowerVoltage_volt_u10p6_2_3	53802
target_lowerVoltage_volt_u10p6_2_3_4	43254
target_lowerVoltage_volt_u10p6_2_3_4_5	27792
target_lowerVoltage_volt_u10p6_2_3_4_5_6	58862
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	65535
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	13310
target_lowerWindowThresh_Cnt_u16	6219

Name	Input Value
target_lowerWindowThresh_Cnt_u16_2	5490
target_lowerWindowThresh_Cnt_u16_2_3	4400
target_lowerWindowThresh_Cnt_u16_2_3_4	39924
target_lowerWindowThresh_Cnt_u16_2_3_4_5	62762
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	43602
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	37489
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	7818
target_upperVoltage_volt_u10p6	12897
target_upperVoltage_volt_u10p6_2	3735
target_upperVoltage_volt_u10p6_2_3	53802
target_upperVoltage_volt_u10p6_2_3_4	43254
target_upperVoltage_volt_u10p6_2_3_4_5	27792
target_upperVoltage_volt_u10p6_2_3_4_5_6	58862
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	47748
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	13310
target_upperWindowThresh_Cnt_u16	53047
target_upperWindowThresh_Cnt_u16_2	64364
target_upperWindowThresh_Cnt_u16_2_3	40991
target_upperWindowThresh_Cnt_u16_2_3_4	31744
target_upperWindowThresh_Cnt_u16_2_3_4_5	61439
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	35935
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	17429
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	21753

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	2328168258	2328168258	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2328168258	2328168258	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2276148984	2276148984	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3282021079	3282021079	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	522686473	522686473	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3513169172	3513169172	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.10 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6

Name	Input Value
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	1712660671
Voltage_Volts_T_u10p6	567
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E8
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	13615
target_lowerVoltage_volt_u10p6	48360
target_lowerVoltage_volt_u10p6_2	56922
target_lowerVoltage_volt_u10p6_2_3	26198
target_lowerVoltage_volt_u10p6_2_3_4	65535
target_lowerVoltage_volt_u10p6_2_3_4_5	36358
target_lowerVoltage_volt_u10p6_2_3_4_5_6	49719
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	26486
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	58354
target_lowerWindowThresh_Cnt_u16	7378
target_lowerWindowThresh_Cnt_u16_2	19840
target_lowerWindowThresh_Cnt_u16_2_3	52957
target_lowerWindowThresh_Cnt_u16_2_3_4	59975
target_lowerWindowThresh_Cnt_u16_2_3_4_5	34878
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	43855
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	29768
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	60680
target_upperVoltage_volt_u10p6	48360
target_upperVoltage_volt_u10p6_2	56922
target_upperVoltage_volt_u10p6_2_3	26198
target_upperVoltage_volt_u10p6_2_3_4	46113
target_upperVoltage_volt_u10p6_2_3_4_5	36358
target_upperVoltage_volt_u10p6_2_3_4_5_6	49719
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	26486
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	58354
target_upperWindowThresh_Cnt_u16	64773
target_upperWindowThresh_Cnt_u16_2	13372
target_upperWindowThresh_Cnt_u16_2_3	27712
target_upperWindowThresh_Cnt_u16_2_3_4	57572
target_upperWindowThresh_Cnt_u16_2_3_4_5	36316
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	62666
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	35266
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	34561

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	2328168258	2328168258	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2328168258	2328168258	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2276148984	2276148984	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3282021079	3282021079	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	1712660671	1712660671	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3513169172	3513169172	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.11 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	0
Voltage_Volts_T_u10p6	519
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E8
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap	0
target_lowerVoltage_volt_u10p6	13442
target_lowerVoltage_volt_u10p6_2	5788
target_lowerVoltage_volt_u10p6_2_3	18701
target_lowerVoltage_volt_u10p6_2_3_4	15674
target_lowerVoltage_volt_u10p6_2_3_4_5	34028
target_lowerVoltage_volt_u10p6_2_3_4_5_6	18026
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	9345
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	0
target_lowerWindowThresh_Cnt_u16	56084
target_lowerWindowThresh_Cnt_u16_2	43277
target_lowerWindowThresh_Cnt_u16_2_3	61571
target_lowerWindowThresh_Cnt_u16_2_3_4	751
target_lowerWindowThresh_Cnt_u16_2_3_4_5	60929
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	51153
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	63173
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	7051
target_upperVoltage_volt_u10p6	13442
target_upperVoltage_volt_u10p6_2	5788
target_upperVoltage_volt_u10p6_2_3	18701
target_upperVoltage_volt_u10p6_2_3_4	15674
target_upperVoltage_volt_u10p6_2_3_4_5	34028
target_upperVoltage_volt_u10p6_2_3_4_5_6	18026
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	9345
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	45745
target_upperWindowThresh_Cnt_u16	39401
target_upperWindowThresh_Cnt_u16_2	39826
target_upperWindowThresh_Cnt_u16_2_3	20723
target_upperWindowThresh_Cnt_u16_2_3_4	18039
target_upperWindowThresh_Cnt_u16_2_3_4_5	55579
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	21069

Name	Input Value		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	56502		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	26725		

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	2328168258	2328168258	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2328168258	2328168258	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2276148984	2276148984	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3513169172	3513169172	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16		2	✔

Test Step 2.12 (Repeat Count = 1)		✔
Name	**Input Value**	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
SystemTime_mS_T_u32	4294967295	
Voltage_Volts_T_u10p6	244	
k_LOIDetect_Volts_u10p6	0	
k_LOINotDetect_Volts_u10p6	0	
lowVoltageExtraCryteria_Cnt_T_lgc	1	
ntc	CustBattDiagNtc_E8	
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	65535	
target_lowerVoltage_volt_u10p6	27637	
target_lowerVoltage_volt_u10p6_2	31225	
target_lowerVoltage_volt_u10p6_2_3	56099	
target_lowerVoltage_volt_u10p6_2_3_4	51231	

Name	Input Value
target_lowerVoltage_volt_u10p6_2_3_4_5	9001
target_lowerVoltage_volt_u10p6_2_3_4_5_6	17545
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	45565
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	65535
target_lowerWindowThresh_Cnt_u16	5489
target_lowerWindowThresh_Cnt_u16_2	47635
target_lowerWindowThresh_Cnt_u16_2_3	33099
target_lowerWindowThresh_Cnt_u16_2_3_4	54883
target_lowerWindowThresh_Cnt_u16_2_3_4_5	26263
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	64164
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	46990
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	12545
target_upperVoltage_volt_u10p6	27637
target_upperVoltage_volt_u10p6_2	31225
target_upperVoltage_volt_u10p6_2_3	56099
target_upperVoltage_volt_u10p6_2_3_4	51231
target_upperVoltage_volt_u10p6_2_3_4_5	9001
target_upperVoltage_volt_u10p6_2_3_4_5_6	17545
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	45565
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	39890
target_upperWindowThresh_Cnt_u16	45654
target_upperWindowThresh_Cnt_u16_2	20201
target_upperWindowThresh_Cnt_u16_2_3	58
target_upperWindowThresh_Cnt_u16_2_3_4	4487
target_upperWindowThresh_Cnt_u16_2_3_4_5	12281
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	61087
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	41296
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	26456

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	2328168258	2328168258	✓
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2328168258	2328168258	✓
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	✓
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	589552193	589552193	✓
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2276148984	2276148984	✓
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	4294967295	4294967295	✓
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3513169172	3513169172	✓

Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓

Test Step 2.13 (Repeat Count = 1) ✓

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4

Name	Input Value
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	2984204194
Voltage_Volts_T_u10p6	122
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E9
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap	23501
target_lowerVoltage_volt_u10p6	64482
target_lowerVoltage_volt_u10p6_2	5166
target_lowerVoltage_volt_u10p6_2_3	49918
target_lowerVoltage_volt_u10p6_2_3_4	52304
target_lowerVoltage_volt_u10p6_2_3_4_5	26726
target_lowerVoltage_volt_u10p6_2_3_4_5_6	24743
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	42827
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	40053
target_lowerWindowThresh_Cnt_u16	4351
target_lowerWindowThresh_Cnt_u16_2	36978
target_lowerWindowThresh_Cnt_u16_2_3	36706
target_lowerWindowThresh_Cnt_u16_2_3_4	59774
target_lowerWindowThresh_Cnt_u16_2_3_4_5	60630
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	33570
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	34903
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	10353
target_upperVoltage_volt_u10p6	64482
target_upperVoltage_volt_u10p6_2	5166
target_upperVoltage_volt_u10p6_2_3	49918
target_upperVoltage_volt_u10p6_2_3_4	52304
target_upperVoltage_volt_u10p6_2_3_4_5	26726
target_upperVoltage_volt_u10p6_2_3_4_5_6	24743
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	42827
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	40053
target_upperWindowThresh_Cnt_u16	54154
target_upperWindowThresh_Cnt_u16_2	34332
target_upperWindowThresh_Cnt_u16_2_3	34946
target_upperWindowThresh_Cnt_u16_2_3_4	62145
target_upperWindowThresh_Cnt_u16_2_3_4_5	43610
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	34399
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	65196
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	53324

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	2328168258	2328168258	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2328168258	2328168258	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2276148984	2276148984	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	4294967295	4294967295	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2984204194	2984204194	✔

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	2984204194	2984204194	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔	

Test Step 2.14 (Repeat Count = 1)		✔
Name	**Input Value**	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
SystemTime_mS_T_u32	2235902008	
Voltage_Volts_T_u10p6	743	
k_LOIDetect_Volts_u10p6	0	
k_LOINotDetect_Volts_u10p6	0	
lowVoltageExtraCryteria_Cnt_T_lgc	0	
ntc	CustBattDiagNtc_E8	
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	22393	
target_lowerVoltage_volt_u10p6	15925	
target_lowerVoltage_volt_u10p6_2	57510	
target_lowerVoltage_volt_u10p6_2_3	20318	
target_lowerVoltage_volt_u10p6_2_3_4	23847	
target_lowerVoltage_volt_u10p6_2_3_4_5	65372	
target_lowerVoltage_volt_u10p6_2_3_4_5_6	30758	
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	22584	
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	26089	
target_lowerWindowThresh_Cnt_u16	0	
target_lowerWindowThresh_Cnt_u16_2	51539	
target_lowerWindowThresh_Cnt_u16_2_3	48045	
target_lowerWindowThresh_Cnt_u16_2_3_4	18260	
target_lowerWindowThresh_Cnt_u16_2_3_4_5	3773	
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	42590	
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	61063	
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	43521	
target_upperVoltage_volt_u10p6	15925	
target_upperVoltage_volt_u10p6_2	57510	
target_upperVoltage_volt_u10p6_2_3	20318	
target_upperVoltage_volt_u10p6_2_3_4	23847	

Name	Input Value
target_upperVoltage_volt_u10p6_2_3_4_5	65372
target_upperVoltage_volt_u10p6_2_3_4_5_6	30758
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	22584
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	26089
target_upperWindowThresh_Cnt_u16	58791
target_upperWindowThresh_Cnt_u16_2	26223
target_upperWindowThresh_Cnt_u16_2_3	16159
target_upperWindowThresh_Cnt_u16_2_3_4	56664
target_upperWindowThresh_Cnt_u16_2_3_4_5	63598
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	48763
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	1578
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	38753

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	2328168258	2328168258	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2328168258	2328168258	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2276148984	2276148984	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2235902008	2235902008	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2235902008	2235902008	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2984204194	2984204194	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	2984204194	2984204194	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.15 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime

Name	Input Value
SystemTime_mS_T_u32	2157004648
Voltage_Volts_T_u10p6	936
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E6
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap	32881
target_lowerVoltage_volt_u10p6	42554
target_lowerVoltage_volt_u10p6_2	31471
target_lowerVoltage_volt_u10p6_2_3	49440
target_lowerVoltage_volt_u10p6_2_3_4	31579
target_lowerVoltage_volt_u10p6_2_3_4_5	14443
target_lowerVoltage_volt_u10p6_2_3_4_5_6	4379
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	28251
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	10752
target_lowerWindowThresh_Cnt_u16	65535
target_lowerWindowThresh_Cnt_u16_2	57060
target_lowerWindowThresh_Cnt_u16_2_3	35045
target_lowerWindowThresh_Cnt_u16_2_3_4	28965
target_lowerWindowThresh_Cnt_u16_2_3_4_5	33167
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	32146
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	57589
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	26958
target_upperVoltage_volt_u10p6	42554
target_upperVoltage_volt_u10p6_2	31471
target_upperVoltage_volt_u10p6_2_3	49440
target_upperVoltage_volt_u10p6_2_3_4	31579
target_upperVoltage_volt_u10p6_2_3_4_5	14443
target_upperVoltage_volt_u10p6_2_3_4_5_6	4379
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	28251
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	10752
target_upperWindowThresh_Cnt_u16	41126
target_upperWindowThresh_Cnt_u16_2	33050
target_upperWindowThresh_Cnt_u16_2_3	40311
target_upperWindowThresh_Cnt_u16_2_3_4	33829
target_upperWindowThresh_Cnt_u16_2_3_4_5	19004
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	24752
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	18939
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	52844

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	2328168258	2328168258	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2328168258	2328168258	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	2157004648	2157004648	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2157004648	2157004648	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2235902008	2235902008	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2235902008	2235902008	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2984204194	2984204194	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	2984204194	2984204194	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16		2	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus		1	✔

Test Step 2.16 (Repeat Count = 1)		✔
Name	**Input Value**	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2	

Name	Input Value
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	813026960
Voltage_Volts_T_u10p6	127
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E8
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap	17887
target_lowerVoltage_volt_u10p6	15066
target_lowerVoltage_volt_u10p6_2	44204
target_lowerVoltage_volt_u10p6_2_3	4614
target_lowerVoltage_volt_u10p6_2_3_4	39103
target_lowerVoltage_volt_u10p6_2_3_4_5	57942
target_lowerVoltage_volt_u10p6_2_3_4_5_6	31352
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	42716
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	58362
target_lowerWindowThresh_Cnt_u16	8155
target_lowerWindowThresh_Cnt_u16_2	30454
target_lowerWindowThresh_Cnt_u16_2_3	41063
target_lowerWindowThresh_Cnt_u16_2_3_4	24034
target_lowerWindowThresh_Cnt_u16_2_3_4_5	59741
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	35437
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	9401
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	52556
target_upperVoltage_volt_u10p6	15066
target_upperVoltage_volt_u10p6_2	44204
target_upperVoltage_volt_u10p6_2_3	4614
target_upperVoltage_volt_u10p6_2_3_4	39103
target_upperVoltage_volt_u10p6_2_3_4_5	57942
target_upperVoltage_volt_u10p6_2_3_4_5_6	31352
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	42716
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	58362
target_upperWindowThresh_Cnt_u16	13253
target_upperWindowThresh_Cnt_u16_2	25685
target_upperWindowThresh_Cnt_u16_2_3	51470
target_upperWindowThresh_Cnt_u16_2_3_4	30548
target_upperWindowThresh_Cnt_u16_2_3_4_5	25152
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	56695
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	51796
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	62013

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	2328168258	2328168258	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2328168258	2328168258	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	589552193	589552193	✔

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	2157004648	2157004648	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2157004648	2157004648	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	813026960	813026960	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	813026960	813026960	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2984204194	2984204194	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	2984204194	2984204194	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔	

Test Step 2.17 (Repeat Count = 1)		✔
Name	**Input Value**	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
SystemTime_mS_T_u32	1875858654	
Voltage_Volts_T_u10p6	316	
k_LOIDetect_Volts_u10p6	0	
k_LOINotDetect_Volts_u10p6	0	
lowVoltageExtraCryteria_Cnt_T_lgc	1	
ntc	CustBattDiagNtc_E7	
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	27760	
target_lowerVoltage_volt_u10p6	0	
target_lowerVoltage_volt_u10p6_2	10572	
target_lowerVoltage_volt_u10p6_2_3	19167	
target_lowerVoltage_volt_u10p6_2_3_4	25255	
target_lowerVoltage_volt_u10p6_2_3_4_5	3094	
target_lowerVoltage_volt_u10p6_2_3_4_5_6	8362	
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	23354	
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	10130	
target_lowerWindowThresh_Cnt_u16	25399	
target_lowerWindowThresh_Cnt_u16_2	10750	
target_lowerWindowThresh_Cnt_u16_2_3	27813	

Name	Input Value		
target_lowerWindowThresh_Cnt_u16_2_3_4	26703		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	35089		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	33508		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	57111		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	53640		
target_upperVoltage_volt_u10p6	0		
target_upperVoltage_volt_u10p6_2	10572		
target_upperVoltage_volt_u10p6_2_3	19167		
target_upperVoltage_volt_u10p6_2_3_4	25255		
target_upperVoltage_volt_u10p6_2_3_4_5	3094		
target_upperVoltage_volt_u10p6_2_3_4_5_6	8362		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	23354		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	10130		
target_upperWindowThresh_Cnt_u16	8531		
target_upperWindowThresh_Cnt_u16_2	48940		
target_upperWindowThresh_Cnt_u16_2_3	38861		
target_upperWindowThresh_Cnt_u16_2_3_4	15363		
target_upperWindowThresh_Cnt_u16_2_3_4_5	25476		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	38596		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	60637		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	10945		
Name	**Actual Value**	**Expected Value**	**Result**
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	2328168258	2328168258	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2328168258	2328168258	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	2157004648	2157004648	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2157004648	2157004648	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	1875858654	1875858654	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	813026960	813026960	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	813026960	813026960	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2984204194	2984204194	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	2984204194	2984204194	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16		2	✔

Test Step 2.18 (Repeat Count = 1)		✔
Name	**Input Value**	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	

Name	Input Value
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	891424982
Voltage_Volts_T_u10p6	180
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	14303
target_lowerVoltage_volt_u10p6	65535
target_lowerVoltage_volt_u10p6_2	55761
target_lowerVoltage_volt_u10p6_2_3	16054
target_lowerVoltage_volt_u10p6_2_3_4	47927
target_lowerVoltage_volt_u10p6_2_3_4_5	27403
target_lowerVoltage_volt_u10p6_2_3_4_5_6	20962
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	46881
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	36293
target_lowerWindowThresh_Cnt_u16	19679
target_lowerWindowThresh_Cnt_u16_2	17299
target_lowerWindowThresh_Cnt_u16_2_3	43242
target_lowerWindowThresh_Cnt_u16_2_3_4	8515
target_lowerWindowThresh_Cnt_u16_2_3_4_5	43926
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	49598
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	22469
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	36676
target_upperVoltage_volt_u10p6	65535
target_upperVoltage_volt_u10p6_2	55761
target_upperVoltage_volt_u10p6_2_3	16054
target_upperVoltage_volt_u10p6_2_3_4	47927
target_upperVoltage_volt_u10p6_2_3_4_5	27403
target_upperVoltage_volt_u10p6_2_3_4_5_6	20962
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	46881
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	36293
target_upperWindowThresh_Cnt_u16	60393
target_upperWindowThresh_Cnt_u16_2	9934
target_upperWindowThresh_Cnt_u16_2_3	57582
target_upperWindowThresh_Cnt_u16_2_3_4	58489
target_upperWindowThresh_Cnt_u16_2_3_4_5	16263
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	51836
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	30287
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	63644

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	2328168258	2328168258	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2328168258	2328168258	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	891424982	891424982	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	891424982	891424982	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	2157004648	2157004648	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2157004648	2157004648	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	1875858654	1875858654	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	813026960	813026960	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	813026960	813026960	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2984204194	2984204194	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	2984204194	2984204194	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.19 (Repeat Count = 1)   ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	2855943358
Voltage_Volts_T_u10p6	106
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E5
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	4252
target_lowerVoltage_volt_u10p6	61318
target_lowerVoltage_volt_u10p6_2	33200
target_lowerVoltage_volt_u10p6_2_3	14530
target_lowerVoltage_volt_u10p6_2_3_4	63992
target_lowerVoltage_volt_u10p6_2_3_4_5	65240
target_lowerVoltage_volt_u10p6_2_3_4_5_6	36155
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	12790
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	33261
target_lowerWindowThresh_Cnt_u16	2127
target_lowerWindowThresh_Cnt_u16_2	46655
target_lowerWindowThresh_Cnt_u16_2_3	19307
target_lowerWindowThresh_Cnt_u16_2_3_4	54891
target_lowerWindowThresh_Cnt_u16_2_3_4_5	39394
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	53287
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	49103
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	47230
target_upperVoltage_volt_u10p6	61318
target_upperVoltage_volt_u10p6_2	33200
target_upperVoltage_volt_u10p6_2_3	14530
target_upperVoltage_volt_u10p6_2_3_4	63992
target_upperVoltage_volt_u10p6_2_3_4_5	65240
target_upperVoltage_volt_u10p6_2_3_4_5_6	36155
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	12790
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	33261
target_upperWindowThresh_Cnt_u16	8933
target_upperWindowThresh_Cnt_u16_2	63189
target_upperWindowThresh_Cnt_u16_2_3	59184
target_upperWindowThresh_Cnt_u16_2_3_4	51256
target_upperWindowThresh_Cnt_u16_2_3_4_5	57282
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	8801
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	14472

Name	Input Value		
target_upperWindowThresh1_Cnt_u16_2_3_4_5_6_7_8	5545		

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	2328168258	2328168258	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2328168258	2328168258	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	891424982	891424982	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	891424982	891424982	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	2855943358	2855943358	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	2157004648	2157004648	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2157004648	2157004648	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	1875858654	1875858654	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	813026960	813026960	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	813026960	813026960	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2984204194	2984204194	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	2984204194	2984204194	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.20 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	3106878671
Voltage_Volts_T_u10p6	912
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E8
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	2808
target_lowerVoltage_volt_u10p6	46399
target_lowerVoltage_volt_u10p6_2	15518
target_lowerVoltage_volt_u10p6_2_3	9039
target_lowerVoltage_volt_u10p6_2_3_4	5864
target_lowerVoltage_volt_u10p6_2_3_4_5	54475

Name	Input Value
target_lowerVoltage_volt_u10p6_2_3_4_5_6	36801
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	15421
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	15628
target_lowerWindowThresh_Cnt_u16	6494
target_lowerWindowThresh_Cnt_u16_2	30187
target_lowerWindowThresh_Cnt_u16_2_3	62722
target_lowerWindowThresh_Cnt_u16_2_3_4	61838
target_lowerWindowThresh_Cnt_u16_2_3_4_5	61616
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	59983
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	54247
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	13890
target_upperVoltage_volt_u10p6	46399
target_upperVoltage_volt_u10p6_2	15518
target_upperVoltage_volt_u10p6_2_3	9039
target_upperVoltage_volt_u10p6_2_3_4	5864
target_upperVoltage_volt_u10p6_2_3_4_5	54475
target_upperVoltage_volt_u10p6_2_3_4_5_6	36801
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	15421
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	15628
target_upperWindowThresh_Cnt_u16	0
target_upperWindowThresh_Cnt_u16_2	730
target_upperWindowThresh_Cnt_u16_2_3	18213
target_upperWindowThresh_Cnt_u16_2_3_4	29403
target_upperWindowThresh_Cnt_u16_2_3_4_5	3688
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	23351
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	21050
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	48508

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	2328168258	2328168258	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2328168258	2328168258	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	891424982	891424982	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	891424982	891424982	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	2855943358	2855943358	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	2157004648	2157004648	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2157004648	2157004648	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	1875858654	1875858654	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	813026960	813026960	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3106878671	3106878671	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2984204194	2984204194	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	2984204194	2984204194	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.21 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5

Name	Input Value
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	1907879047
Voltage_Volts_T_u10p6	36
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E5
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	12044
target_lowerVoltage_volt_u10p6	11948
target_lowerVoltage_volt_u10p6_2	59908
target_lowerVoltage_volt_u10p6_2_3	30804
target_lowerVoltage_volt_u10p6_2_3_4	59718
target_lowerVoltage_volt_u10p6_2_3_4_5	51030
target_lowerVoltage_volt_u10p6_2_3_4_5_6	52969
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	28179
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	7825
target_lowerWindowThresh_Cnt_u16	45893
target_lowerWindowThresh_Cnt_u16_2	3485
target_lowerWindowThresh_Cnt_u16_2_3	22816
target_lowerWindowThresh_Cnt_u16_2_3_4	16829
target_lowerWindowThresh_Cnt_u16_2_3_4_5	57505
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	12554
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	18077
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	51402
target_upperVoltage_volt_u10p6	11948
target_upperVoltage_volt_u10p6_2	59908
target_upperVoltage_volt_u10p6_2_3	30804
target_upperVoltage_volt_u10p6_2_3_4	59718
target_upperVoltage_volt_u10p6_2_3_4_5	51030
target_upperVoltage_volt_u10p6_2_3_4_5_6	52969
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	28179
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	7825
target_upperWindowThresh_Cnt_u16	65535
target_upperWindowThresh_Cnt_u16_2	64586
target_upperWindowThresh_Cnt_u16_2_3	11332
target_upperWindowThresh_Cnt_u16_2_3_4	43155
target_upperWindowThresh_Cnt_u16_2_3_4_5	26185
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	63963
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	39498
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	30014

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	2328168258	2328168258	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2328168258	2328168258	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	891424982	891424982	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	891424982	891424982	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1907879047	1907879047	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	2157004648	2157004648	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2157004648	2157004648	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	1875858654	1875858654	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	813026960	813026960	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3106878671	3106878671	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2984204194	2984204194	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	2984204194	2984204194	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.22 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	3618895506
Voltage_Volts_T_u10p6	793
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E7
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	30577
target_lowerVoltage_volt_u10p6	25476
target_lowerVoltage_volt_u10p6_2	51515
target_lowerVoltage_volt_u10p6_2_3	31648
target_lowerVoltage_volt_u10p6_2_3_4	23031
target_lowerVoltage_volt_u10p6_2_3_4_5	4908
target_lowerVoltage_volt_u10p6_2_3_4_5_6	2589
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	58394
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	47563
target_lowerWindowThresh_Cnt_u16	59769
target_lowerWindowThresh_Cnt_u16_2	50351
target_lowerWindowThresh_Cnt_u16_2_3	51956
target_lowerWindowThresh_Cnt_u16_2_3_4	7992
target_lowerWindowThresh_Cnt_u16_2_3_4_5	27169
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	3297
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	22041
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	61395
target_upperVoltage_volt_u10p6	25476
target_upperVoltage_volt_u10p6_2	51515
target_upperVoltage_volt_u10p6_2_3	31648
target_upperVoltage_volt_u10p6_2_3_4	23031
target_upperVoltage_volt_u10p6_2_3_4_5	4908
target_upperVoltage_volt_u10p6_2_3_4_5_6	2589
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	58394
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	47563

Name	Input Value
target_upperWindowThresh_Cnt_u16	52416
target_upperWindowThresh_Cnt_u16_2	3069
target_upperWindowThresh_Cnt_u16_2_3	33107
target_upperWindowThresh_Cnt_u16_2_3_4	27423
target_upperWindowThresh_Cnt_u16_2_3_4_5	36171
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	11003
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	51678
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	13841

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	2328168258	2328168258	✓
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2328168258	2328168258	✓
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	891424982	891424982	✓
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	891424982	891424982	✓
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	✓
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	589552193	589552193	✓
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	✓
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1907879047	1907879047	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	2157004648	2157004648	✓
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2157004648	2157004648	✓
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	3618895506	3618895506	✓
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	3618895506	3618895506	✓
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	813026960	813026960	✓
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3106878671	3106878671	✓
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2984204194	2984204194	✓
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	2984204194	2984204194	✓

Test Step Call Trace				✓
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓

Test Step 2.23 (Repeat Count = 1)		✓
Name	**Input Value**	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
SystemTime_mS_T_u32	2222682785	
Voltage_Volts_T_u10p6	45	

Name	Input Value
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	11404
target_lowerVoltage_volt_u10p6	49355
target_lowerVoltage_volt_u10p6_2	22884
target_lowerVoltage_volt_u10p6_2_3	4072
target_lowerVoltage_volt_u10p6_2_3_4	23824
target_lowerVoltage_volt_u10p6_2_3_4_5	35261
target_lowerVoltage_volt_u10p6_2_3_4_5_6	24082
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	27870
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	59944
target_lowerWindowThresh_Cnt_u16	8387
target_lowerWindowThresh_Cnt_u16_2	0
target_lowerWindowThresh_Cnt_u16_2_3	30517
target_lowerWindowThresh_Cnt_u16_2_3_4	44130
target_lowerWindowThresh_Cnt_u16_2_3_4_5	43849
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	32764
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	38803
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	19341
target_upperVoltage_volt_u10p6	49355
target_upperVoltage_volt_u10p6_2	22884
target_upperVoltage_volt_u10p6_2_3	4072
target_upperVoltage_volt_u10p6_2_3_4	23824
target_upperVoltage_volt_u10p6_2_3_4_5	35261
target_upperVoltage_volt_u10p6_2_3_4_5_6	24082
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	27870
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	59944
target_upperWindowThresh_Cnt_u16	5992
target_upperWindowThresh_Cnt_u16_2	2177
target_upperWindowThresh_Cnt_u16_2_3	7168
target_upperWindowThresh_Cnt_u16_2_3_4	52894
target_upperWindowThresh_Cnt_u16_2_3_4_5	46085
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	15003
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	45203
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	53959

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	2328168258	2328168258	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2328168258	2328168258	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2222682785	2222682785	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1907879047	1907879047	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	2157004648	2157004648	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2157004648	2157004648	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	3618895506	3618895506	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	3618895506	3618895506	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	813026960	813026960	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3106878671	3106878671	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2984204194	2984204194	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	2984204194	2984204194	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.24 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2

Name	Input Value
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	2120574965
Voltage_Volts_T_u10p6	966
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	13189
target_lowerVoltage_volt_u10p6	36901
target_lowerVoltage_volt_u10p6_2	2665
target_lowerVoltage_volt_u10p6_2_3	64196
target_lowerVoltage_volt_u10p6_2_3_4	50961
target_lowerVoltage_volt_u10p6_2_3_4_5	18864
target_lowerVoltage_volt_u10p6_2_3_4_5_6	44426
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	16395
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	8187
target_lowerWindowThresh_Cnt_u16	61970
target_lowerWindowThresh_Cnt_u16_2	65535
target_lowerWindowThresh_Cnt_u16_2_3	3718
target_lowerWindowThresh_Cnt_u16_2_3_4	8924
target_lowerWindowThresh_Cnt_u16_2_3_4_5	38588
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	26832
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	37695
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	64920
target_upperVoltage_volt_u10p6	36901
target_upperVoltage_volt_u10p6_2	2665
target_upperVoltage_volt_u10p6_2_3	64196
target_upperVoltage_volt_u10p6_2_3_4	50961
target_upperVoltage_volt_u10p6_2_3_4_5	18864
target_upperVoltage_volt_u10p6_2_3_4_5_6	44426
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	16395
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	8187
target_upperWindowThresh_Cnt_u16	713
target_upperWindowThresh_Cnt_u16_2	12527
target_upperWindowThresh_Cnt_u16_2_3	4939
target_upperWindowThresh_Cnt_u16_2_3_4	47206
target_upperWindowThresh_Cnt_u16_2_3_4_5	49720
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	31593
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	20205
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	14767

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	2328168258	2328168258	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2328168258	2328168258	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	589552193	589552193	✔

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1907879047	1907879047	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	2157004648	2157004648	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2157004648	2157004648	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	3618895506	3618895506	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	3618895506	3618895506	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	813026960	813026960	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3106878671	3106878671	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2984204194	2984204194	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	2984204194	2984204194	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16		2	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus		1	✔

Test Step 2.25 (Repeat Count = 1)		✔
Name	**Input Value**	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
SystemTime_mS_T_u32	1820141330	
Voltage_Volts_T_u10p6	692	
k_LOIDetect_Volts_u10p6	0	
k_LOINotDetect_Volts_u10p6	0	
lowVoltageExtraCryteria_Cnt_T_lgc	0	
ntc	CustBattDiagNtc_E0	
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	58607	
target_lowerVoltage_volt_u10p6	39107	
target_lowerVoltage_volt_u10p6_2	38144	
target_lowerVoltage_volt_u10p6_2_3	27820	
target_lowerVoltage_volt_u10p6_2_3_4	6920	
target_lowerVoltage_volt_u10p6_2_3_4_5	28659	
target_lowerVoltage_volt_u10p6_2_3_4_5_6	10017	
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	22123	
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	20254	
target_lowerWindowThresh_Cnt_u16	24221	
target_lowerWindowThresh_Cnt_u16_2	44185	
target_lowerWindowThresh_Cnt_u16_2_3	36701	
target_lowerWindowThresh_Cnt_u16_2_3_4	46921	

Name	Input Value
target_lowerWindowThresh_Cnt_u16_2_3_4_5	28711
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	39110
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	5810
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	58318
target_upperVoltage_volt_u10p6	39107
target_upperVoltage_volt_u10p6_2	38144
target_upperVoltage_volt_u10p6_2_3	27820
target_upperVoltage_volt_u10p6_2_3_4	6920
target_upperVoltage_volt_u10p6_2_3_4_5	28659
target_upperVoltage_volt_u10p6_2_3_4_5_6	10017
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	22123
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	20254
target_upperWindowThresh_Cnt_u16	20082
target_upperWindowThresh_Cnt_u16_2	40604
target_upperWindowThresh_Cnt_u16_2_3	50252
target_upperWindowThresh_Cnt_u16_2_3_4	34579
target_upperWindowThresh_Cnt_u16_2_3_4_5	40347
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	19390
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	60146
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	58574

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1907879047	1907879047	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	2157004648	2157004648	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2157004648	2157004648	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	3618895506	3618895506	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	3618895506	3618895506	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	813026960	813026960	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3106878671	3106878671	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2984204194	2984204194	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	2984204194	2984204194	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.26 (Repeat Count = 1)	✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6

Name	Input Value
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	2521123499
Voltage_Volts_T_u10p6	295
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E7
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	30700
target_lowerVoltage_volt_u10p6	28171
target_lowerVoltage_volt_u10p6_2	0
target_lowerVoltage_volt_u10p6_2_3	12265
target_lowerVoltage_volt_u10p6_2_3_4	8700
target_lowerVoltage_volt_u10p6_2_3_4_5	21597
target_lowerVoltage_volt_u10p6_2_3_4_5_6	32846
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	10138
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	11579
target_lowerWindowThresh_Cnt_u16	22330
target_lowerWindowThresh_Cnt_u16_2	40937
target_lowerWindowThresh_Cnt_u16_2_3	41177
target_lowerWindowThresh_Cnt_u16_2_3_4	17403
target_lowerWindowThresh_Cnt_u16_2_3_4_5	6585
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	13852
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	42724
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	44987
target_upperVoltage_volt_u10p6	28171
target_upperVoltage_volt_u10p6_2	0
target_upperVoltage_volt_u10p6_2_3	12265
target_upperVoltage_volt_u10p6_2_3_4	8700
target_upperVoltage_volt_u10p6_2_3_4_5	21597
target_upperVoltage_volt_u10p6_2_3_4_5_6	32846
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	10138
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	11579
target_upperWindowThresh_Cnt_u16	36646
target_upperWindowThresh_Cnt_u16_2	24448
target_upperWindowThresh_Cnt_u16_2_3	24830
target_upperWindowThresh_Cnt_u16_2_3_4	38341
target_upperWindowThresh_Cnt_u16_2_3_4_5	19588
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	15054
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	33055
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	15024

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1907879047	1907879047	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	2157004648	2157004648	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2157004648	2157004648	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2521123499	2521123499	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2521123499	2521123499	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	813026960	813026960	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3106878671	3106878671	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2984204194	2984204194	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	2984204194	2984204194	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.27 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	2558372975
Voltage_Volts_T_u10p6	1023
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E8
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	19541
target_lowerVoltage_volt_u10p6	37486
target_lowerVoltage_volt_u10p6_2	65535
target_lowerVoltage_volt_u10p6_2_3	11545
target_lowerVoltage_volt_u10p6_2_3_4	13292
target_lowerVoltage_volt_u10p6_2_3_4_5	51714
target_lowerVoltage_volt_u10p6_2_3_4_5_6	43837
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	8470
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	6803
target_lowerWindowThresh_Cnt_u16	48118
target_lowerWindowThresh_Cnt_u16_2	4728
target_lowerWindowThresh_Cnt_u16_2_3	37050
target_lowerWindowThresh_Cnt_u16_2_3_4	12175
target_lowerWindowThresh_Cnt_u16_2_3_4_5	40862
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	21836
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	55151
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	37741
target_upperVoltage_volt_u10p6	37486
target_upperVoltage_volt_u10p6_2	65535
target_upperVoltage_volt_u10p6_2_3	11545
target_upperVoltage_volt_u10p6_2_3_4	13292
target_upperVoltage_volt_u10p6_2_3_4_5	51714

Name	Input Value
target_upperVoltage_volt_u10p6_2_3_4_5_6	43837
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	8470
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	6803
target_upperWindowThresh_Cnt_u16	38162
target_upperWindowThresh_Cnt_u16_2	31995
target_upperWindowThresh_Cnt_u16_2_3	990
target_upperWindowThresh_Cnt_u16_2_3_4	14366
target_upperWindowThresh_Cnt_u16_2_3_4_5	58535
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	55277
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	40337
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	63592

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1907879047	1907879047	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	2157004648	2157004648	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2157004648	2157004648	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2521123499	2521123499	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2521123499	2521123499	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2558372975	2558372975	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2558372975	2558372975	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2984204194	2984204194	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	2984204194	2984204194	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.28 (Repeat Count = 1)		✔
Name	**Input Value**	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
SystemTime_mS_T_u32	3966004176	
Voltage_Volts_T_u10p6	759	

Name	Input Value
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E9
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	24304
target_lowerVoltage_volt_u10p6	53303
target_lowerVoltage_volt_u10p6_2	47770
target_lowerVoltage_volt_u10p6_2_3	63900
target_lowerVoltage_volt_u10p6_2_3_4	51017
target_lowerVoltage_volt_u10p6_2_3_4_5	52055
target_lowerVoltage_volt_u10p6_2_3_4_5_6	49503
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	21335
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	58401
target_lowerWindowThresh_Cnt_u16	50849
target_lowerWindowThresh_Cnt_u16_2	11037
target_lowerWindowThresh_Cnt_u16_2_3	59981
target_lowerWindowThresh_Cnt_u16_2_3_4	4172
target_lowerWindowThresh_Cnt_u16_2_3_4_5	51163
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	28118
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	52965
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	46109
target_upperVoltage_volt_u10p6	53303
target_upperVoltage_volt_u10p6_2	47770
target_upperVoltage_volt_u10p6_2_3	63900
target_upperVoltage_volt_u10p6_2_3_4	51017
target_upperVoltage_volt_u10p6_2_3_4_5	52055
target_upperVoltage_volt_u10p6_2_3_4_5_6	49503
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	21335
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	58401
target_upperWindowThresh_Cnt_u16	870
target_upperWindowThresh_Cnt_u16_2	10263
target_upperWindowThresh_Cnt_u16_2_3	46821
target_upperWindowThresh_Cnt_u16_2_3_4	56355
target_upperWindowThresh_Cnt_u16_2_3_4_5	43295
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	11563
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	53510
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	34118

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1907879047	1907879047	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	2157004648	2157004648	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2157004648	2157004648	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2521123499	2521123499	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2521123499	2521123499	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2558372975	2558372975	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2558372975	2558372975	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2984204194	2984204194	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3966004176	3966004176	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16		2	✔

Test Step 2.29 (Repeat Count = 1)	✔
Name	**Input Value**
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3

Name	Input Value
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	44690950
Voltage_Volts_T_u10p6	270
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E6
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	862
target_lowerVoltage_volt_u10p6	26340
target_lowerVoltage_volt_u10p6_2	9239
target_lowerVoltage_volt_u10p6_2_3	16337
target_lowerVoltage_volt_u10p6_2_3_4	23530
target_lowerVoltage_volt_u10p6_2_3_4_5	42659
target_lowerVoltage_volt_u10p6_2_3_4_5_6	63761
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	26545
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	2311
target_lowerWindowThresh_Cnt_u16	17212
target_lowerWindowThresh_Cnt_u16_2	32989
target_lowerWindowThresh_Cnt_u16_2_3	38093
target_lowerWindowThresh_Cnt_u16_2_3_4	11097
target_lowerWindowThresh_Cnt_u16_2_3_4_5	53013
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	7998
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	43207
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	56304
target_upperVoltage_volt_u10p6	26340
target_upperVoltage_volt_u10p6_2	9239
target_upperVoltage_volt_u10p6_2_3	16337
target_upperVoltage_volt_u10p6_2_3_4	23530
target_upperVoltage_volt_u10p6_2_3_4_5	42659
target_upperVoltage_volt_u10p6_2_3_4_5_6	63761
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	26545
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	2311
target_upperWindowThresh_Cnt_u16	49398
target_upperWindowThresh_Cnt_u16_2	0
target_upperWindowThresh_Cnt_u16_2_3	7335
target_upperWindowThresh_Cnt_u16_2_3_4	12184
target_upperWindowThresh_Cnt_u16_2_3_4_5	20565
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	57865
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	31218
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	35870

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1907879047	1907879047	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	44690950	44690950	✔

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	44690950	44690950	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2521123499	2521123499	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2521123499	2521123499	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2558372975	2558372975	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2558372975	2558372975	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2984204194	2984204194	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3966004176	3966004176	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.30 (Repeat Count = 1)		✔
Name	**Input Value**	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
SystemTime_mS_T_u32	230406027	
Voltage_Volts_T_u10p6	479	
k_LOIDetect_Volts_u10p6	0	
k_LOINotDetect_Volts_u10p6	0	
lowVoltageExtraCryteria_Cnt_T_lgc	1	
ntc	CustBattDiagNtc_E9	
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	4042	
target_lowerVoltage_volt_u10p6	47502	
target_lowerVoltage_volt_u10p6_2	23915	
target_lowerVoltage_volt_u10p6_2_3	45852	
target_lowerVoltage_volt_u10p6_2_3_4	17325	
target_lowerVoltage_volt_u10p6_2_3_4_5	17981	
target_lowerVoltage_volt_u10p6_2_3_4_5_6	973	
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	39463	
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	50753	
target_lowerWindowThresh_Cnt_u16	7941	
target_lowerWindowThresh_Cnt_u16_2	19805	
target_lowerWindowThresh_Cnt_u16_2_3	15660	
target_lowerWindowThresh_Cnt_u16_2_3_4	63406	
target_lowerWindowThresh_Cnt_u16_2_3_4_5	29671	
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	21727	
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	26577	
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	22576	

Name	Input Value
target_upperVoltage_volt_u10p6	47502
target_upperVoltage_volt_u10p6_2	23915
target_upperVoltage_volt_u10p6_2_3	45852
target_upperVoltage_volt_u10p6_2_3_4	17325
target_upperVoltage_volt_u10p6_2_3_4_5	17981
target_upperVoltage_volt_u10p6_2_3_4_5_6	973
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	39463
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	50753
target_upperWindowThresh_Cnt_u16	35669
target_upperWindowThresh_Cnt_u16_2	65535
target_upperWindowThresh_Cnt_u16_2_3	18493
target_upperWindowThresh_Cnt_u16_2_3_4	7171
target_upperWindowThresh_Cnt_u16_2_3_4_5	49549
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	7877
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	41934
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	45543

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1907879047	1907879047	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	44690950	44690950	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	44690950	44690950	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2521123499	2521123499	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2521123499	2521123499	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2558372975	2558372975	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2558372975	2558372975	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2984204194	2984204194	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	230406027	230406027	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.31 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8

Name	Input Value
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	2965327068
Voltage_Volts_T_u10p6	901
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E2
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	50033
target_lowerVoltage_volt_u10p6	50441
target_lowerVoltage_volt_u10p6_2	60940
target_lowerVoltage_volt_u10p6_2_3	42124
target_lowerVoltage_volt_u10p6_2_3_4	9434
target_lowerVoltage_volt_u10p6_2_3_4_5	30304
target_lowerVoltage_volt_u10p6_2_3_4_5_6	34712
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	5344
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	2890
target_lowerWindowThresh_Cnt_u16	45300
target_lowerWindowThresh_Cnt_u16_2	35626
target_lowerWindowThresh_Cnt_u16_2_3	65249
target_lowerWindowThresh_Cnt_u16_2_3_4	42386
target_lowerWindowThresh_Cnt_u16_2_3_4_5	59751
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	45293
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	30679
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	29983
target_upperVoltage_volt_u10p6	50441
target_upperVoltage_volt_u10p6_2	60940
target_upperVoltage_volt_u10p6_2_3	42124
target_upperVoltage_volt_u10p6_2_3_4	9434
target_upperVoltage_volt_u10p6_2_3_4_5	30304
target_upperVoltage_volt_u10p6_2_3_4_5_6	34712
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	5344
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	2890
target_upperWindowThresh_Cnt_u16	21525
target_upperWindowThresh_Cnt_u16_2	59651
target_upperWindowThresh_Cnt_u16_2_3	5098
target_upperWindowThresh_Cnt_u16_2_3_4	29904
target_upperWindowThresh_Cnt_u16_2_3_4_5	16548
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	47531
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	46955
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	20076

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2965327068	2965327068	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1907879047	1907879047	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	44690950	44690950	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	44690950	44690950	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2521123499	2521123499	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2521123499	2521123499	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2558372975	2558372975	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2558372975	2558372975	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2984204194	2984204194	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	230406027	230406027	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.32 (Repeat Count = 1)		✔
Name	**Input Value**	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	

Name	Input Value
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	2757517311
Voltage_Volts_T_u10p6	443
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E6
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	14627
target_lowerVoltage_volt_u10p6	41049
target_lowerVoltage_volt_u10p6_2	34488
target_lowerVoltage_volt_u10p6_2_3	40157
target_lowerVoltage_volt_u10p6_2_3_4	51809
target_lowerVoltage_volt_u10p6_2_3_4_5	19279
target_lowerVoltage_volt_u10p6_2_3_4_5_6	525
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	12555
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	61824
target_lowerWindowThresh_Cnt_u16	52104
target_lowerWindowThresh_Cnt_u16_2	51773
target_lowerWindowThresh_Cnt_u16_2_3	0
target_lowerWindowThresh_Cnt_u16_2_3_4	14026
target_lowerWindowThresh_Cnt_u16_2_3_4_5	53586
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	3515
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	58999
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	56512
target_upperVoltage_volt_u10p6	41049
target_upperVoltage_volt_u10p6_2	34488
target_upperVoltage_volt_u10p6_2_3	40157
target_upperVoltage_volt_u10p6_2_3_4	51809
target_upperVoltage_volt_u10p6_2_3_4_5	19279
target_upperVoltage_volt_u10p6_2_3_4_5_6	525
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	12555
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	61824
target_upperWindowThresh_Cnt_u16	58131
target_upperWindowThresh_Cnt_u16_2	36009
target_upperWindowThresh_Cnt_u16_2_3	41545
target_upperWindowThresh_Cnt_u16_2_3_4	12795
target_upperWindowThresh_Cnt_u16_2_3_4_5	10172
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	46109
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	22225
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	3437

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✓
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✓
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✓

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2965327068	2965327068	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1907879047	1907879047	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	44690950	44690950	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2757517311	2757517311	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2521123499	2521123499	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2521123499	2521123499	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2558372975	2558372975	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2558372975	2558372975	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2984204194	2984204194	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	230406027	230406027	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.33 (Repeat Count = 1)	✔
Name	**Input Value**
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	2594148775
Voltage_Volts_T_u10p6	236
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E6
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	24480
target_lowerVoltage_volt_u10p6	38100
target_lowerVoltage_volt_u10p6_2	41564
target_lowerVoltage_volt_u10p6_2_3	50885
target_lowerVoltage_volt_u10p6_2_3_4	15592
target_lowerVoltage_volt_u10p6_2_3_4_5	48967
target_lowerVoltage_volt_u10p6_2_3_4_5_6	3733
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	45533
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	44291
target_lowerWindowThresh_Cnt_u16	44066

Name	Input Value
target_lowerWindowThresh_Cnt_u16_2	49847
target_lowerWindowThresh_Cnt_u16_2_3	65535
target_lowerWindowThresh_Cnt_u16_2_3_4	23299
target_lowerWindowThresh_Cnt_u16_2_3_4_5	46315
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	45990
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	9818
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	19136
target_upperVoltage_volt_u10p6	38100
target_upperVoltage_volt_u10p6_2	41564
target_upperVoltage_volt_u10p6_2_3	50885
target_upperVoltage_volt_u10p6_2_3_4	15592
target_upperVoltage_volt_u10p6_2_3_4_5	48967
target_upperVoltage_volt_u10p6_2_3_4_5_6	3733
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	45533
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	44291
target_upperWindowThresh_Cnt_u16	24277
target_upperWindowThresh_Cnt_u16_2	44488
target_upperWindowThresh_Cnt_u16_2_3	16510
target_upperWindowThresh_Cnt_u16_2_3_4	56189
target_upperWindowThresh_Cnt_u16_2_3_4_5	35119
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	40657
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	24063
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	27769

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2965327068	2965327068	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1907879047	1907879047	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	44690950	44690950	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2594148775	2594148775	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2521123499	2521123499	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2521123499	2521123499	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2558372975	2558372975	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2558372975	2558372975	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2984204194	2984204194	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	230406027	230406027	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.34 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6

Name	Input Value
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	2637694353
Voltage_Volts_T_u10p6	154
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E8
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	30189
target_lowerVoltage_volt_u10p6	49769
target_lowerVoltage_volt_u10p6_2	61686
target_lowerVoltage_volt_u10p6_2_3	62474
target_lowerVoltage_volt_u10p6_2_3_4	50859
target_lowerVoltage_volt_u10p6_2_3_4_5	60732
target_lowerVoltage_volt_u10p6_2_3_4_5_6	14667
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	52626
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	18897
target_lowerWindowThresh_Cnt_u16	43193
target_lowerWindowThresh_Cnt_u16_2	46447
target_lowerWindowThresh_Cnt_u16_2_3	31442
target_lowerWindowThresh_Cnt_u16_2_3_4	805
target_lowerWindowThresh_Cnt_u16_2_3_4_5	12872
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	945
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	14682
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	9009
target_upperVoltage_volt_u10p6	49769
target_upperVoltage_volt_u10p6_2	61686
target_upperVoltage_volt_u10p6_2_3	62474
target_upperVoltage_volt_u10p6_2_3_4	50859
target_upperVoltage_volt_u10p6_2_3_4_5	60732
target_upperVoltage_volt_u10p6_2_3_4_5_6	14667
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	52626
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	18897
target_upperWindowThresh_Cnt_u16	64418
target_upperWindowThresh_Cnt_u16_2	20319
target_upperWindowThresh_Cnt_u16_2_3	18000
target_upperWindowThresh_Cnt_u16_2_3_4	58839
target_upperWindowThresh_Cnt_u16_2_3_4_5	35379
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	4200
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	10214
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	29653

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2965327068	2965327068	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1907879047	1907879047	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	44690950	44690950	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2594148775	2594148775	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2521123499	2521123499	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2521123499	2521123499	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2558372975	2558372975	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2637694353	2637694353	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2984204194	2984204194	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	230406027	230406027	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.35 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	2231698994
Voltage_Volts_T_u10p6	422
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E9
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	50407
target_lowerVoltage_volt_u10p6	523
target_lowerVoltage_volt_u10p6_2	50085
target_lowerVoltage_volt_u10p6_2_3	0
target_lowerVoltage_volt_u10p6_2_3_4	58064
target_lowerVoltage_volt_u10p6_2_3_4_5	45994
target_lowerVoltage_volt_u10p6_2_3_4_5_6	41512
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	5633
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	65510
target_lowerWindowThresh_Cnt_u16	26824
target_lowerWindowThresh_Cnt_u16_2	57378
target_lowerWindowThresh_Cnt_u16_2_3	9066
target_lowerWindowThresh_Cnt_u16_2_3_4	26110
target_lowerWindowThresh_Cnt_u16_2_3_4_5	9758
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	13813
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	10097
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	39176
target_upperVoltage_volt_u10p6	523
target_upperVoltage_volt_u10p6_2	50085
target_upperVoltage_volt_u10p6_2_3	0
target_upperVoltage_volt_u10p6_2_3_4	58064
target_upperVoltage_volt_u10p6_2_3_4_5	45994

Name	Input Value
target_upperVoltage_volt_u10p6_2_3_4_5_6	41512
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	5633
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	65510
target_upperWindowThresh_Cnt_u16	39746
target_upperWindowThresh_Cnt_u16_2	5156
target_upperWindowThresh_Cnt_u16_2_3	44940
target_upperWindowThresh_Cnt_u16_2_3_4	6831
target_upperWindowThresh_Cnt_u16_2_3_4_5	47284
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	10509
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	51841
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	42962

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2965327068	2965327068	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1907879047	1907879047	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	44690950	44690950	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2594148775	2594148775	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2521123499	2521123499	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2521123499	2521123499	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2558372975	2558372975	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2637694353	2637694353	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2984204194	2984204194	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	2231698994	2231698994	✔

Test Step Call Trace   ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.36 (Repeat Count = 1)   ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8

Name	Input Value
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	1151292551
Voltage_Volts_T_u10p6	67
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E8
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	58187
target_lowerVoltage_volt_u10p6	54693
target_lowerVoltage_volt_u10p6_2	37270
target_lowerVoltage_volt_u10p6_2_3	65535
target_lowerVoltage_volt_u10p6_2_3_4	38555
target_lowerVoltage_volt_u10p6_2_3_4_5	13843
target_lowerVoltage_volt_u10p6_2_3_4_5_6	25101
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	53150
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	48617
target_lowerWindowThresh_Cnt_u16	48868
target_lowerWindowThresh_Cnt_u16_2	45999
target_lowerWindowThresh_Cnt_u16_2_3	18
target_lowerWindowThresh_Cnt_u16_2_3_4	59729
target_lowerWindowThresh_Cnt_u16_2_3_4_5	9112
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	19600
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	11612
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	10831
target_upperVoltage_volt_u10p6	54693
target_upperVoltage_volt_u10p6_2	37270
target_upperVoltage_volt_u10p6_2_3	65535
target_upperVoltage_volt_u10p6_2_3_4	38555
target_upperVoltage_volt_u10p6_2_3_4_5	13843
target_upperVoltage_volt_u10p6_2_3_4_5_6	25101
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	53150
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	48617
target_upperWindowThresh_Cnt_u16	55959
target_upperWindowThresh_Cnt_u16_2	8184
target_upperWindowThresh_Cnt_u16_2_3	40691
target_upperWindowThresh_Cnt_u16_2_3_4	49782
target_upperWindowThresh_Cnt_u16_2_3_4_5	43069
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	39717
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	41894
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	42462

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2965327068	2965327068	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1907879047	1907879047	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	44690950	44690950	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2594148775	2594148775	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2521123499	2521123499	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2521123499	2521123499	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	1151292551	1151292551	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	1151292551	1151292551	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2984204194	2984204194	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	2231698994	2231698994	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.37 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16

Name	Input Value
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	4072407702
Voltage_Volts_T_u10p6	253
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E7
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	18374
target_lowerVoltage_volt_u10p6	7879
target_lowerVoltage_volt_u10p6_2	57757
target_lowerVoltage_volt_u10p6_2_3	38281
target_lowerVoltage_volt_u10p6_2_3_4	65232
target_lowerVoltage_volt_u10p6_2_3_4_5	16390
target_lowerVoltage_volt_u10p6_2_3_4_5_6	9353
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	32151
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	17291
target_lowerWindowThresh_Cnt_u16	14184
target_lowerWindowThresh_Cnt_u16_2	64441
target_lowerWindowThresh_Cnt_u16_2_3	18127
target_lowerWindowThresh_Cnt_u16_2_3_4	187
target_lowerWindowThresh_Cnt_u16_2_3_4_5	51827
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	42505
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	7452
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	60301
target_upperVoltage_volt_u10p6	7879
target_upperVoltage_volt_u10p6_2	57757
target_upperVoltage_volt_u10p6_2_3	38281
target_upperVoltage_volt_u10p6_2_3_4	65232
target_upperVoltage_volt_u10p6_2_3_4_5	16390
target_upperVoltage_volt_u10p6_2_3_4_5_6	9353
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	32151
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	17291
target_upperWindowThresh_Cnt_u16	57408
target_upperWindowThresh_Cnt_u16_2	18854
target_upperWindowThresh_Cnt_u16_2_3	14707
target_upperWindowThresh_Cnt_u16_2_3_4	20117
target_upperWindowThresh_Cnt_u16_2_3_4_5	23396
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	14262
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	48977
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	11873

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✓
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✓
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✓

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2965327068	2965327068	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1907879047	1907879047	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	44690950	44690950	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2594148775	2594148775	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	4072407702	4072407702	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	4072407702	4072407702	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	1151292551	1151292551	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	1151292551	1151292551	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2984204194	2984204194	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	2231698994	2231698994	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.38 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	1538946772
Voltage_Volts_T_u10p6	317
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E9
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	7581
target_lowerVoltage_volt_u10p6	50902
target_lowerVoltage_volt_u10p6_2	37851
target_lowerVoltage_volt_u10p6_2_3	17264
target_lowerVoltage_volt_u10p6_2_3_4	31203
target_lowerVoltage_volt_u10p6_2_3_4_5	35641
target_lowerVoltage_volt_u10p6_2_3_4_5_6	60718
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	49039
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	30715
target_lowerWindowThresh_Cnt_u16	51023

Name	Input Value
target_lowerWindowThresh_Cnt_u16_2	58720
target_lowerWindowThresh_Cnt_u16_2_3	19566
target_lowerWindowThresh_Cnt_u16_2_3_4	54077
target_lowerWindowThresh_Cnt_u16_2_3_4_5	16267
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	56651
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	61857
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	61375
target_upperVoltage_volt_u10p6	50902
target_upperVoltage_volt_u10p6_2	37851
target_upperVoltage_volt_u10p6_2_3	17264
target_upperVoltage_volt_u10p6_2_3_4	31203
target_upperVoltage_volt_u10p6_2_3_4_5	35641
target_upperVoltage_volt_u10p6_2_3_4_5_6	60718
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	49039
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	30715
target_upperWindowThresh_Cnt_u16	4846
target_upperWindowThresh_Cnt_u16_2	54707
target_upperWindowThresh_Cnt_u16_2_3	0
target_upperWindowThresh_Cnt_u16_2_3_4	64314
target_upperWindowThresh_Cnt_u16_2_3_4_5	41491
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	27162
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	47585
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	64208

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2965327068	2965327068	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1907879047	1907879047	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	44690950	44690950	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2594148775	2594148775	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	4072407702	4072407702	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	4072407702	4072407702	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	1151292551	1151292551	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	1151292551	1151292551	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	1538946772	1538946772	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1538946772	1538946772	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.39 (Repeat Count = 1)		✔
Name	**Input Value**	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	

Name	Input Value
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	415480456
Voltage_Volts_T_u10p6	746
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E2
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	41259
target_lowerVoltage_volt_u10p6	46600
target_lowerVoltage_volt_u10p6_2	38503
target_lowerVoltage_volt_u10p6_2_3	2801
target_lowerVoltage_volt_u10p6_2_3_4	15505
target_lowerVoltage_volt_u10p6_2_3_4_5	10098
target_lowerVoltage_volt_u10p6_2_3_4_5_6	12560
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	35919
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	57686
target_lowerWindowThresh_Cnt_u16	37531
target_lowerWindowThresh_Cnt_u16_2	35871
target_lowerWindowThresh_Cnt_u16_2_3	50283
target_lowerWindowThresh_Cnt_u16_2_3_4	27598
target_lowerWindowThresh_Cnt_u16_2_3_4_5	28033
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	64820
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	42000
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	21848
target_upperVoltage_volt_u10p6	46600
target_upperVoltage_volt_u10p6_2	38503
target_upperVoltage_volt_u10p6_2_3	2801
target_upperVoltage_volt_u10p6_2_3_4	15505
target_upperVoltage_volt_u10p6_2_3_4_5	10098
target_upperVoltage_volt_u10p6_2_3_4_5_6	12560
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	35919
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	57686
target_upperWindowThresh_Cnt_u16	62582
target_upperWindowThresh_Cnt_u16_2	34450
target_upperWindowThresh_Cnt_u16_2_3	65535
target_upperWindowThresh_Cnt_u16_2_3_4	4869
target_upperWindowThresh_Cnt_u16_2_3_4_5	26967
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	20062
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	58935
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	38570

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	415480456	415480456	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	415480456	415480456	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1907879047	1907879047	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	44690950	44690950	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2594148775	2594148775	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	4072407702	4072407702	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	4072407702	4072407702	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	1151292551	1151292551	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	1151292551	1151292551	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	1538946772	1538946772	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1538946772	1538946772	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.40 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	882085837
Voltage_Volts_T_u10p6	230
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E8
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	30405
target_lowerVoltage_volt_u10p6	9283
target_lowerVoltage_volt_u10p6_2	147
target_lowerVoltage_volt_u10p6_2_3	30795
target_lowerVoltage_volt_u10p6_2_3_4	1913
target_lowerVoltage_volt_u10p6_2_3_4_5	40058
target_lowerVoltage_volt_u10p6_2_3_4_5_6	58002
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	30023
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	28366
target_lowerWindowThresh_Cnt_u16	35723
target_lowerWindowThresh_Cnt_u16_2	49148
target_lowerWindowThresh_Cnt_u16_2_3	61166
target_lowerWindowThresh_Cnt_u16_2_3_4	22419
target_lowerWindowThresh_Cnt_u16_2_3_4_5	64625
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	56919
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	22458
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	38756
target_upperVoltage_volt_u10p6	9283
target_upperVoltage_volt_u10p6_2	147
target_upperVoltage_volt_u10p6_2_3	30795
target_upperVoltage_volt_u10p6_2_3_4	1913
target_upperVoltage_volt_u10p6_2_3_4_5	40058
target_upperVoltage_volt_u10p6_2_3_4_5_6	58002
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	30023
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	28366
target_upperWindowThresh_Cnt_u16	19574
target_upperWindowThresh_Cnt_u16_2	52738
target_upperWindowThresh_Cnt_u16_2_3	60518
target_upperWindowThresh_Cnt_u16_2_3_4	12889
target_upperWindowThresh_Cnt_u16_2_3_4_5	51532
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	5025
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	18976

Name	Input Value		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	260		

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	415480456	415480456	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	415480456	415480456	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1907879047	1907879047	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	44690950	44690950	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2594148775	2594148775	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	4072407702	4072407702	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	4072407702	4072407702	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	1151292551	1151292551	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	882085837	882085837	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	1538946772	1538946772	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1538946772	1538946772	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔	

Test Step 2.41 (Repeat Count = 1)		✔
Name	**Input Value**	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
SystemTime_mS_T_u32	905485787	
Voltage_Volts_T_u10p6	369	
k_LOIDetect_Volts_u10p6	0	
k_LOINotDetect_Volts_u10p6	0	
lowVoltageExtraCryteria_Cnt_T_lgc	0	
ntc	CustBattDiagNtc_E8	
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	65279	
target_lowerVoltage_volt_u10p6	49390	
target_lowerVoltage_volt_u10p6_2	18996	

Name	Input Value
target_lowerVoltage_volt_u10p6_2_3	789
target_lowerVoltage_volt_u10p6_2_3_4	29406
target_lowerVoltage_volt_u10p6_2_3_4_5	48158
target_lowerVoltage_volt_u10p6_2_3_4_5_6	51559
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	34038
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	15133
target_lowerWindowThresh_Cnt_u16	44082
target_lowerWindowThresh_Cnt_u16_2	8915
target_lowerWindowThresh_Cnt_u16_2_3	49617
target_lowerWindowThresh_Cnt_u16_2_3_4	0
target_lowerWindowThresh_Cnt_u16_2_3_4_5	41593
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	35923
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	23389
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	2943
target_upperVoltage_volt_u10p6	49390
target_upperVoltage_volt_u10p6_2	18996
target_upperVoltage_volt_u10p6_2_3	789
target_upperVoltage_volt_u10p6_2_3_4	29406
target_upperVoltage_volt_u10p6_2_3_4_5	48158
target_upperVoltage_volt_u10p6_2_3_4_5_6	51559
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	34038
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	15133
target_upperWindowThresh_Cnt_u16	60268
target_upperWindowThresh_Cnt_u16_2	44890
target_upperWindowThresh_Cnt_u16_2_3	40563
target_upperWindowThresh_Cnt_u16_2_3_4	58280
target_upperWindowThresh_Cnt_u16_2_3_4_5	39448
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	50982
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	3534
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	55690

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	415480456	415480456	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	415480456	415480456	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1907879047	1907879047	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	44690950	44690950	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2594148775	2594148775	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	4072407702	4072407702	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	4072407702	4072407702	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	905485787	905485787	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	905485787	905485787	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	1538946772	1538946772	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1538946772	1538946772	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.42 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4

Name	Input Value
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	2861168262
Voltage_Volts_T_u10p6	543
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E2
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	32402
target_lowerVoltage_volt_u10p6	7278
target_lowerVoltage_volt_u10p6_2	27858
target_lowerVoltage_volt_u10p6_2_3	60859
target_lowerVoltage_volt_u10p6_2_3_4	20770
target_lowerVoltage_volt_u10p6_2_3_4_5	31123
target_lowerVoltage_volt_u10p6_2_3_4_5_6	23003
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	49655
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	9895
target_lowerWindowThresh_Cnt_u16	23372
target_lowerWindowThresh_Cnt_u16_2	49204
target_lowerWindowThresh_Cnt_u16_2_3	53138
target_lowerWindowThresh_Cnt_u16_2_3_4	65535
target_lowerWindowThresh_Cnt_u16_2_3_4_5	43547
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	62018
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	35311
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	25027
target_upperVoltage_volt_u10p6	7278
target_upperVoltage_volt_u10p6_2	27858
target_upperVoltage_volt_u10p6_2_3	60859
target_upperVoltage_volt_u10p6_2_3_4	20770
target_upperVoltage_volt_u10p6_2_3_4_5	31123
target_upperVoltage_volt_u10p6_2_3_4_5_6	23003
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	49655
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	9895
target_upperWindowThresh_Cnt_u16	8461
target_upperWindowThresh_Cnt_u16_2	926
target_upperWindowThresh_Cnt_u16_2_3	11267
target_upperWindowThresh_Cnt_u16_2_3_4	3092
target_upperWindowThresh_Cnt_u16_2_3_4_5	4487
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	9465
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	37184
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	2995

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2861168262	2861168262	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2861168262	2861168262	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1907879047	1907879047	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	44690950	44690950	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2594148775	2594148775	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	4072407702	4072407702	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	4072407702	4072407702	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	905485787	905485787	✔

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	905485787	905485787	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	1538946772	1538946772	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1538946772	1538946772	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔	

Test Step 2.43 (Repeat Count = 1)		✔
Name	**Input Value**	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
SystemTime_mS_T_u32	2134142177	
Voltage_Volts_T_u10p6	558	
k_LOIDetect_Volts_u10p6	0	
k_LOINotDetect_Volts_u10p6	0	
lowVoltageExtraCryteria_Cnt_T_lgc	0	
ntc	CustBattDiagNtc_E9	
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	42275	
target_lowerVoltage_volt_u10p6	45147	
target_lowerVoltage_volt_u10p6_2	60741	
target_lowerVoltage_volt_u10p6_2_3	54460	
target_lowerVoltage_volt_u10p6_2_3_4	21822	
target_lowerVoltage_volt_u10p6_2_3_4_5	19768	
target_lowerVoltage_volt_u10p6_2_3_4_5_6	33674	
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	12214	
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	27041	
target_lowerWindowThresh_Cnt_u16	98	
target_lowerWindowThresh_Cnt_u16_2	50401	
target_lowerWindowThresh_Cnt_u16_2_3	64278	
target_lowerWindowThresh_Cnt_u16_2_3_4	19777	
target_lowerWindowThresh_Cnt_u16_2_3_4_5	63724	
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	3885	
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	56188	
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	32131	
target_upperVoltage_volt_u10p6	45147	
target_upperVoltage_volt_u10p6_2	60741	
target_upperVoltage_volt_u10p6_2_3	54460	

Name	Input Value
target_upperVoltage_volt_u10p6_2_3_4	21822
target_upperVoltage_volt_u10p6_2_3_4_5	19768
target_upperVoltage_volt_u10p6_2_3_4_5_6	33674
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	12214
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	27041
target_upperWindowThresh_Cnt_u16	58432
target_upperWindowThresh_Cnt_u16_2	21079
target_upperWindowThresh_Cnt_u16_2_3	37517
target_upperWindowThresh_Cnt_u16_2_3_4	51786
target_upperWindowThresh_Cnt_u16_2_3_4_5	14438
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	9443
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	51495
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	46229

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2861168262	2861168262	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2861168262	2861168262	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1907879047	1907879047	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	44690950	44690950	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2594148775	2594148775	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	4072407702	4072407702	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	4072407702	4072407702	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	905485787	905485787	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	905485787	905485787	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2134142177	2134142177	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	2134142177	2134142177	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔	

Test Step 2.44 (Repeat Count = 1)	✔
Name	**Input Value**
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8

Name	Input Value
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	2179627810
Voltage_Volts_T_u10p6	744
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E8
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	11751
target_lowerVoltage_volt_u10p6	4181
target_lowerVoltage_volt_u10p6_2	41998
target_lowerVoltage_volt_u10p6_2_3	7116
target_lowerVoltage_volt_u10p6_2_3_4	0
target_lowerVoltage_volt_u10p6_2_3_4_5	65511
target_lowerVoltage_volt_u10p6_2_3_4_5_6	51144
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	56305
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	4317
target_lowerWindowThresh_Cnt_u16	58178
target_lowerWindowThresh_Cnt_u16_2	17920
target_lowerWindowThresh_Cnt_u16_2_3	14541
target_lowerWindowThresh_Cnt_u16_2_3_4	41628
target_lowerWindowThresh_Cnt_u16_2_3_4_5	41427
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	15448
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	57213
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	13025
target_upperVoltage_volt_u10p6	4181
target_upperVoltage_volt_u10p6_2	41998
target_upperVoltage_volt_u10p6_2_3	7116
target_upperVoltage_volt_u10p6_2_3_4	0
target_upperVoltage_volt_u10p6_2_3_4_5	65511
target_upperVoltage_volt_u10p6_2_3_4_5_6	51144
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	56305
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	4317
target_upperWindowThresh_Cnt_u16	63564
target_upperWindowThresh_Cnt_u16_2	61764
target_upperWindowThresh_Cnt_u16_2_3	38585
target_upperWindowThresh_Cnt_u16_2_3_4	49370
target_upperWindowThresh_Cnt_u16_2_3_4_5	62318
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	46299
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	41834
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	1477

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2861168262	2861168262	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2861168262	2861168262	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1907879047	1907879047	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	44690950	44690950	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2594148775	2594148775	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	4072407702	4072407702	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	4072407702	4072407702	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	905485787	905485787	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2179627810	2179627810	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2134142177	2134142177	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	2134142177	2134142177	✔

Test Step Call Trace   ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.45 (Repeat Count = 1)   ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2

Name	Input Value
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	3096619583
Voltage_Volts_T_u10p6	31
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E9
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	56332
target_lowerVoltage_volt_u10p6	5795
target_lowerVoltage_volt_u10p6_2	26871
target_lowerVoltage_volt_u10p6_2_3	48678
target_lowerVoltage_volt_u10p6_2_3_4	65535
target_lowerVoltage_volt_u10p6_2_3_4_5	46211
target_lowerVoltage_volt_u10p6_2_3_4_5_6	3726
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	31716
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	16239
target_lowerWindowThresh_Cnt_u16	12470
target_lowerWindowThresh_Cnt_u16_2	34882
target_lowerWindowThresh_Cnt_u16_2_3	23842
target_lowerWindowThresh_Cnt_u16_2_3_4	10675
target_lowerWindowThresh_Cnt_u16_2_3_4_5	51179
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	10997
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	53819
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	15267
target_upperVoltage_volt_u10p6	5795
target_upperVoltage_volt_u10p6_2	26871
target_upperVoltage_volt_u10p6_2_3	48678
target_upperVoltage_volt_u10p6_2_3_4	65535
target_upperVoltage_volt_u10p6_2_3_4_5	46211
target_upperVoltage_volt_u10p6_2_3_4_5_6	3726
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	31716
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	16239
target_upperWindowThresh_Cnt_u16	63563
target_upperWindowThresh_Cnt_u16_2	24623
target_upperWindowThresh_Cnt_u16_2_3	44564
target_upperWindowThresh_Cnt_u16_2_3_4	14245
target_upperWindowThresh_Cnt_u16_2_3_4_5	10990
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	12958
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	62447
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	19261

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2861168262	2861168262	✔

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2861168262	2861168262	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1907879047	1907879047	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	44690950	44690950	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2594148775	2594148775	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	4072407702	4072407702	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	4072407702	4072407702	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	905485787	905485787	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2179627810	2179627810	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3096619583	3096619583	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3096619583	3096619583	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔	

Test Step 2.46 (Repeat Count = 1)	✔
Name	**Input Value**
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	3913056023
Voltage_Volts_T_u10p6	811
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E7
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	22873
target_lowerVoltage_volt_u10p6	54576
target_lowerVoltage_volt_u10p6_2	48884
target_lowerVoltage_volt_u10p6_2_3	13645
target_lowerVoltage_volt_u10p6_2_3_4	49734
target_lowerVoltage_volt_u10p6_2_3_4_5	32390
target_lowerVoltage_volt_u10p6_2_3_4_5_6	48289
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	34685
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	20300
target_lowerWindowThresh_Cnt_u16	6409

Name	Input Value
target_lowerWindowThresh_Cnt_u16_2	9579
target_lowerWindowThresh_Cnt_u16_2_3	48803
target_lowerWindowThresh_Cnt_u16_2_3_4	21812
target_lowerWindowThresh_Cnt_u16_2_3_4_5	32117
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	20502
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	48500
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	5641
target_upperVoltage_volt_u10p6	54576
target_upperVoltage_volt_u10p6_2	48884
target_upperVoltage_volt_u10p6_2_3	13645
target_upperVoltage_volt_u10p6_2_3_4	49734
target_upperVoltage_volt_u10p6_2_3_4_5	32390
target_upperVoltage_volt_u10p6_2_3_4_5_6	48289
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	34685
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	20300
target_upperWindowThresh_Cnt_u16	11876
target_upperWindowThresh_Cnt_u16_2	6006
target_upperWindowThresh_Cnt_u16_2_3	49449
target_upperWindowThresh_Cnt_u16_2_3_4	19463
target_upperWindowThresh_Cnt_u16_2_3_4_5	16462
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	48188
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	33015
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	42555

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2861168262	2861168262	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2861168262	2861168262	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1907879047	1907879047	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	44690950	44690950	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2594148775	2594148775	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	4072407702	4072407702	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	3913056023	3913056023	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	905485787	905485787	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2179627810	2179627810	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3096619583	3096619583	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3096619583	3096619583	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔

Test Step 2.47 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6

Name	Input Value
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	2395872501
Voltage_Volts_T_u10p6	712
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E8
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	8670
target_lowerVoltage_volt_u10p6	28356
target_lowerVoltage_volt_u10p6_2	6508
target_lowerVoltage_volt_u10p6_2_3	9403
target_lowerVoltage_volt_u10p6_2_3_4	29344
target_lowerVoltage_volt_u10p6_2_3_4_5	33060
target_lowerVoltage_volt_u10p6_2_3_4_5_6	45885
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	3292
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	47765
target_lowerWindowThresh_Cnt_u16	63268
target_lowerWindowThresh_Cnt_u16_2	27763
target_lowerWindowThresh_Cnt_u16_2_3	65351
target_lowerWindowThresh_Cnt_u16_2_3_4	47413
target_lowerWindowThresh_Cnt_u16_2_3_4_5	53337
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	4362
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	903
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	4837
target_upperVoltage_volt_u10p6	28356
target_upperVoltage_volt_u10p6_2	6508
target_upperVoltage_volt_u10p6_2_3	9403
target_upperVoltage_volt_u10p6_2_3_4	29344
target_upperVoltage_volt_u10p6_2_3_4_5	33060
target_upperVoltage_volt_u10p6_2_3_4_5_6	45885
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	3292
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	47765
target_upperWindowThresh_Cnt_u16	5575
target_upperWindowThresh_Cnt_u16_2	11691
target_upperWindowThresh_Cnt_u16_2_3	50495
target_upperWindowThresh_Cnt_u16_2_3_4	0
target_upperWindowThresh_Cnt_u16_2_3_4_5	1893
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	26101
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	8633
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	1749

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2861168262	2861168262	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2861168262	2861168262	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1907879047	1907879047	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	44690950	44690950	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2594148775	2594148775	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	4072407702	4072407702	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	3913056023	3913056023	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2395872501	2395872501	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2395872501	2395872501	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3096619583	3096619583	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3096619583	3096619583	✔

Test Step Call Trace   ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.48 (Repeat Count = 1)   ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	3487010748
Voltage_Volts_T_u10p6	174
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E2
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	21503
target_lowerVoltage_volt_u10p6	33657
target_lowerVoltage_volt_u10p6_2	21442
target_lowerVoltage_volt_u10p6_2_3	16127
target_lowerVoltage_volt_u10p6_2_3_4	16637
target_lowerVoltage_volt_u10p6_2_3_4_5	12489
target_lowerVoltage_volt_u10p6_2_3_4_5_6	42087
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	44659
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	14777
target_lowerWindowThresh_Cnt_u16	62738
target_lowerWindowThresh_Cnt_u16_2	38266
target_lowerWindowThresh_Cnt_u16_2_3	59889
target_lowerWindowThresh_Cnt_u16_2_3_4	49778
target_lowerWindowThresh_Cnt_u16_2_3_4_5	8238
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	46403
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	41722
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	3617
target_upperVoltage_volt_u10p6	33657
target_upperVoltage_volt_u10p6_2	21442
target_upperVoltage_volt_u10p6_2_3	16127
target_upperVoltage_volt_u10p6_2_3_4	16637
target_upperVoltage_volt_u10p6_2_3_4_5	12489

Name	Input Value
target_upperVoltage_volt_u10p6_2_3_4_5_6	42087
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	44659
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	14777
target_upperWindowThresh_Cnt_u16	15128
target_upperWindowThresh_Cnt_u16_2	46281
target_upperWindowThresh_Cnt_u16_2_3	27529
target_upperWindowThresh_Cnt_u16_2_3_4	65535
target_upperWindowThresh_Cnt_u16_2_3_4_5	6348
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	3663
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	25962
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	47330

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	3487010748	3487010748	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3487010748	3487010748	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1907879047	1907879047	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	44690950	44690950	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2594148775	2594148775	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	4072407702	4072407702	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	3913056023	3913056023	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2395872501	2395872501	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2395872501	2395872501	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3096619583	3096619583	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3096619583	3096619583	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.49 (Repeat Count = 1)	✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	96849749
Voltage_Volts_T_u10p6	865

Name	Input Value
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E9
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	12437
target_lowerVoltage_volt_u10p6	44080
target_lowerVoltage_volt_u10p6_2	57313
target_lowerVoltage_volt_u10p6_2_3	60255
target_lowerVoltage_volt_u10p6_2_3_4	57939
target_lowerVoltage_volt_u10p6_2_3_4_5	42535
target_lowerVoltage_volt_u10p6_2_3_4_5_6	17645
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	4421
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	23673
target_lowerWindowThresh_Cnt_u16	63216
target_lowerWindowThresh_Cnt_u16_2	21262
target_lowerWindowThresh_Cnt_u16_2_3	58280
target_lowerWindowThresh_Cnt_u16_2_3_4	48612
target_lowerWindowThresh_Cnt_u16_2_3_4_5	45094
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	15921
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	50664
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	60039
target_upperVoltage_volt_u10p6	44080
target_upperVoltage_volt_u10p6_2	57313
target_upperVoltage_volt_u10p6_2_3	60255
target_upperVoltage_volt_u10p6_2_3_4	57939
target_upperVoltage_volt_u10p6_2_3_4_5	42535
target_upperVoltage_volt_u10p6_2_3_4_5_6	17645
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	4421
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	23673
target_upperWindowThresh_Cnt_u16	33222
target_upperWindowThresh_Cnt_u16_2	22855
target_upperWindowThresh_Cnt_u16_2_3	22082
target_upperWindowThresh_Cnt_u16_2_3_4	576
target_upperWindowThresh_Cnt_u16_2_3_4_5	2277
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	43186
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	36158
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	38181

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	3487010748	3487010748	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3487010748	3487010748	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1907879047	1907879047	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	44690950	44690950	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2594148775	2594148775	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	4072407702	4072407702	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	3913056023	3913056023	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2395872501	2395872501	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2395872501	2395872501	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	96849749	96849749	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	96849749	96849749	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.50 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3

Name	Input Value
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	2824741804
Voltage_Volts_T_u10p6	694
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E7
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	51921
target_lowerVoltage_volt_u10p6	40377
target_lowerVoltage_volt_u10p6_2	2883
target_lowerVoltage_volt_u10p6_2_3	39427
target_lowerVoltage_volt_u10p6_2_3_4	13673
target_lowerVoltage_volt_u10p6_2_3_4_5	60433
target_lowerVoltage_volt_u10p6_2_3_4_5_6	14878
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	20992
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	34785
target_lowerWindowThresh_Cnt_u16	10627
target_lowerWindowThresh_Cnt_u16_2	51202
target_lowerWindowThresh_Cnt_u16_2_3	53798
target_lowerWindowThresh_Cnt_u16_2_3_4	51752
target_lowerWindowThresh_Cnt_u16_2_3_4_5	0
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	55293
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	9431
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	39261
target_upperVoltage_volt_u10p6	40377
target_upperVoltage_volt_u10p6_2	2883
target_upperVoltage_volt_u10p6_2_3	39427
target_upperVoltage_volt_u10p6_2_3_4	13673
target_upperVoltage_volt_u10p6_2_3_4_5	60433
target_upperVoltage_volt_u10p6_2_3_4_5_6	14878
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	20992
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	34785
target_upperWindowThresh_Cnt_u16	61408
target_upperWindowThresh_Cnt_u16_2	25640
target_upperWindowThresh_Cnt_u16_2_3	1751
target_upperWindowThresh_Cnt_u16_2_3_4	41190
target_upperWindowThresh_Cnt_u16_2_3_4_5	46513
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	62574
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	37442
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	16902

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	3487010748	3487010748	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3487010748	3487010748	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1907879047	1907879047	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	44690950	44690950	✔

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2594148775	2594148775	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2824741804	2824741804	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2824741804	2824741804	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2395872501	2395872501	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2395872501	2395872501	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	96849749	96849749	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	96849749	96849749	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔	

Test Step 2.51 (Repeat Count = 1)	✔
Name	**Input Value**
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	3867246855
Voltage_Volts_T_u10p6	131
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E2
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	34373
target_lowerVoltage_volt_u10p6	41510
target_lowerVoltage_volt_u10p6_2	6747
target_lowerVoltage_volt_u10p6_2_3	20214
target_lowerVoltage_volt_u10p6_2_3_4	38092
target_lowerVoltage_volt_u10p6_2_3_4_5	65458
target_lowerVoltage_volt_u10p6_2_3_4_5_6	26258
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	1071
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	35755
target_lowerWindowThresh_Cnt_u16	32611
target_lowerWindowThresh_Cnt_u16_2	61756
target_lowerWindowThresh_Cnt_u16_2_3	3835
target_lowerWindowThresh_Cnt_u16_2_3_4	60723
target_lowerWindowThresh_Cnt_u16_2_3_4_5	65535
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	43982
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	55512
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	34260

Name	Input Value
target_upperVoltage_volt_u10p6	41510
target_upperVoltage_volt_u10p6_2	6747
target_upperVoltage_volt_u10p6_2_3	20214
target_upperVoltage_volt_u10p6_2_3_4	38092
target_upperVoltage_volt_u10p6_2_3_4_5	65458
target_upperVoltage_volt_u10p6_2_3_4_5_6	26258
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	1071
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	35755
target_upperWindowThresh_Cnt_u16	18439
target_upperWindowThresh_Cnt_u16_2	64793
target_upperWindowThresh_Cnt_u16_2_3	54698
target_upperWindowThresh_Cnt_u16_2_3_4	4224
target_upperWindowThresh_Cnt_u16_2_3_4_5	17996
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	6965
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	27532
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	61292

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	3867246855	3867246855	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3867246855	3867246855	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1907879047	1907879047	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	44690950	44690950	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2594148775	2594148775	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2824741804	2824741804	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2824741804	2824741804	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2395872501	2395872501	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2395872501	2395872501	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	96849749	96849749	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	96849749	96849749	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔

Test Step 2.52 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7

Name	Input Value
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	255461674
Voltage_Volts_T_u10p6	692
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E5
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	11835
target_lowerVoltage_volt_u10p6	43423
target_lowerVoltage_volt_u10p6_2	25149
target_lowerVoltage_volt_u10p6_2_3	45728
target_lowerVoltage_volt_u10p6_2_3_4	52307
target_lowerVoltage_volt_u10p6_2_3_4_5	24346
target_lowerVoltage_volt_u10p6_2_3_4_5_6	20888
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	51979
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	47670
target_lowerWindowThresh_Cnt_u16	15953
target_lowerWindowThresh_Cnt_u16_2	39295
target_lowerWindowThresh_Cnt_u16_2_3	47104
target_lowerWindowThresh_Cnt_u16_2_3_4	26083
target_lowerWindowThresh_Cnt_u16_2_3_4_5	42212
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	36573
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	55278
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	1436
target_upperVoltage_volt_u10p6	43423
target_upperVoltage_volt_u10p6_2	25149
target_upperVoltage_volt_u10p6_2_3	45728
target_upperVoltage_volt_u10p6_2_3_4	52307
target_upperVoltage_volt_u10p6_2_3_4_5	24346
target_upperVoltage_volt_u10p6_2_3_4_5_6	20888
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	51979
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	47670
target_upperWindowThresh_Cnt_u16	42111
target_upperWindowThresh_Cnt_u16_2	28669
target_upperWindowThresh_Cnt_u16_2_3	35927
target_upperWindowThresh_Cnt_u16_2_3_4	1239
target_upperWindowThresh_Cnt_u16_2_3_4_5	21260
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	29736
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	37558
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	34816

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	3867246855	3867246855	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3867246855	3867246855	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	255461674	255461674	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	44690950	44690950	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2594148775	2594148775	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2824741804	2824741804	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2824741804	2824741804	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2395872501	2395872501	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2395872501	2395872501	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	96849749	96849749	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	96849749	96849749	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.53 (Repeat Count = 1)	✔
Name	**Input Value**
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	658449114
Voltage_Volts_T_u10p6	878
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E8
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	33819
target_lowerVoltage_volt_u10p6	29082
target_lowerVoltage_volt_u10p6_2	39550
target_lowerVoltage_volt_u10p6_2_3	28162
target_lowerVoltage_volt_u10p6_2_3_4	8742
target_lowerVoltage_volt_u10p6_2_3_4_5	0
target_lowerVoltage_volt_u10p6_2_3_4_5_6	13618
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	24573
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	2008
target_lowerWindowThresh_Cnt_u16	30692
target_lowerWindowThresh_Cnt_u16_2	64488
target_lowerWindowThresh_Cnt_u16_2_3	21243
target_lowerWindowThresh_Cnt_u16_2_3_4	41323
target_lowerWindowThresh_Cnt_u16_2_3_4_5	26764
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	2371
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	24670
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	25653
target_upperVoltage_volt_u10p6	29082
target_upperVoltage_volt_u10p6_2	39550
target_upperVoltage_volt_u10p6_2_3	28162
target_upperVoltage_volt_u10p6_2_3_4	8742
target_upperVoltage_volt_u10p6_2_3_4_5	0
target_upperVoltage_volt_u10p6_2_3_4_5_6	13618
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	24573
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	2008
target_upperWindowThresh_Cnt_u16	1542
target_upperWindowThresh_Cnt_u16_2	10124
target_upperWindowThresh_Cnt_u16_2_3	32188
target_upperWindowThresh_Cnt_u16_2_3_4	3447
target_upperWindowThresh_Cnt_u16_2_3_4_5	29669
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	41273
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	44207
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	43076

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	3867246855	3867246855	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3867246855	3867246855	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	255461674	255461674	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	44690950	44690950	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2594148775	2594148775	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2824741804	2824741804	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2824741804	2824741804	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	658449114	658449114	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	658449114	658449114	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	96849749	96849749	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	96849749	96849749	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔

Test Step 2.54 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	2831648648
Voltage_Volts_T_u10p6	555
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E2
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	56721
target_lowerVoltage_volt_u10p6	39014
target_lowerVoltage_volt_u10p6_2	10044
target_lowerVoltage_volt_u10p6_2_3	11212
target_lowerVoltage_volt_u10p6_2_3_4	60330
target_lowerVoltage_volt_u10p6_2_3_4_5	65535
target_lowerVoltage_volt_u10p6_2_3_4_5_6	25562

Name	Input Value
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	48097
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	51910
target_lowerWindowThresh_Cnt_u16	39513
target_lowerWindowThresh_Cnt_u16_2	54341
target_lowerWindowThresh_Cnt_u16_2_3	46119
target_lowerWindowThresh_Cnt_u16_2_3_4	43080
target_lowerWindowThresh_Cnt_u16_2_3_4_5	6832
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	64503
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	10222
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	1694
target_upperVoltage_volt_u10p6	39014
target_upperVoltage_volt_u10p6_2	10044
target_upperVoltage_volt_u10p6_2_3	11212
target_upperVoltage_volt_u10p6_2_3_4	60330
target_upperVoltage_volt_u10p6_2_3_4_5	65535
target_upperVoltage_volt_u10p6_2_3_4_5_6	25562
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	48097
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	51910
target_upperWindowThresh_Cnt_u16	38231
target_upperWindowThresh_Cnt_u16_2	1303
target_upperWindowThresh_Cnt_u16_2_3	12130
target_upperWindowThresh_Cnt_u16_2_3_4	39392
target_upperWindowThresh_Cnt_u16_2_3_4_5	57094
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	16695
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	37149
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	31741

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2831648648	2831648648	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2831648648	2831648648	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	255461674	255461674	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	44690950	44690950	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2594148775	2594148775	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2824741804	2824741804	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2824741804	2824741804	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	658449114	658449114	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	658449114	658449114	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	96849749	96849749	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	96849749	96849749	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.55 (Repeat Count = 1)		✔
Name	**Input Value**	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5	

Name	Input Value
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	3517515874
Voltage_Volts_T_u10p6	278
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E9
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	49379
target_lowerVoltage_volt_u10p6	18906
target_lowerVoltage_volt_u10p6_2	20629
target_lowerVoltage_volt_u10p6_2_3	945
target_lowerVoltage_volt_u10p6_2_3_4	57413
target_lowerVoltage_volt_u10p6_2_3_4_5	10720
target_lowerVoltage_volt_u10p6_2_3_4_5_6	38560
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	54868
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	45580
target_lowerWindowThresh_Cnt_u16	59869
target_lowerWindowThresh_Cnt_u16_2	25356
target_lowerWindowThresh_Cnt_u16_2_3	17896
target_lowerWindowThresh_Cnt_u16_2_3_4	29263
target_lowerWindowThresh_Cnt_u16_2_3_4_5	33890
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	25050
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	21973
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	5225
target_upperVoltage_volt_u10p6	18906
target_upperVoltage_volt_u10p6_2	20629
target_upperVoltage_volt_u10p6_2_3	945
target_upperVoltage_volt_u10p6_2_3_4	57413
target_upperVoltage_volt_u10p6_2_3_4_5	10720
target_upperVoltage_volt_u10p6_2_3_4_5_6	38560
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	54868
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	45580
target_upperWindowThresh_Cnt_u16	39584
target_upperWindowThresh_Cnt_u16_2	54568
target_upperWindowThresh_Cnt_u16_2_3	10266
target_upperWindowThresh_Cnt_u16_2_3_4	33906
target_upperWindowThresh_Cnt_u16_2_3_4_5	28606
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	59253
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	51592
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	28941

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2831648648	2831648648	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2831648648	2831648648	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	255461674	255461674	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	44690950	44690950	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2594148775	2594148775	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2824741804	2824741804	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2824741804	2824741804	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	658449114	658449114	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	658449114	658449114	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3517515874	3517515874	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3517515874	3517515874	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.56 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	1049104167
Voltage_Volts_T_u10p6	128
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E9
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	26013
target_lowerVoltage_volt_u10p6	28980
target_lowerVoltage_volt_u10p6_2	44361
target_lowerVoltage_volt_u10p6_2_3	9514
target_lowerVoltage_volt_u10p6_2_3_4	23048
target_lowerVoltage_volt_u10p6_2_3_4_5	34180
target_lowerVoltage_volt_u10p6_2_3_4_5_6	59115
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	16516
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	11143
target_lowerWindowThresh_Cnt_u16	10021
target_lowerWindowThresh_Cnt_u16_2	64191
target_lowerWindowThresh_Cnt_u16_2_3	30829
target_lowerWindowThresh_Cnt_u16_2_3_4	9384
target_lowerWindowThresh_Cnt_u16_2_3_4_5	50215
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	61636
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	54550
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	6411
target_upperVoltage_volt_u10p6	28980
target_upperVoltage_volt_u10p6_2	44361
target_upperVoltage_volt_u10p6_2_3	9514
target_upperVoltage_volt_u10p6_2_3_4	23048
target_upperVoltage_volt_u10p6_2_3_4_5	34180

Name	Input Value
target_upperVoltage_volt_u10p6_2_3_4_5_6	59115
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	16516
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	11143
target_upperWindowThresh_Cnt_u16	23161
target_upperWindowThresh_Cnt_u16_2	50277
target_upperWindowThresh_Cnt_u16_2_3	60630
target_upperWindowThresh_Cnt_u16_2_3_4	18485
target_upperWindowThresh_Cnt_u16_2_3_4_5	0
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	39139
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	5683
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	43608

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2831648648	2831648648	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2831648648	2831648648	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	255461674	255461674	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	44690950	44690950	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2594148775	2594148775	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2824741804	2824741804	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2824741804	2824741804	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	658449114	658449114	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	658449114	658449114	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3517515874	3517515874	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1049104167	1049104167	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔

Test Step 2.57 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime

Name	Input Value
SystemTime_mS_T_u32	3517090381
Voltage_Volts_T_u10p6	765
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E6
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap	46121
target_lowerVoltage_volt_u10p6	28627
target_lowerVoltage_volt_u10p6_2	30824
target_lowerVoltage_volt_u10p6_2_3	56743
target_lowerVoltage_volt_u10p6_2_3_4	2659
target_lowerVoltage_volt_u10p6_2_3_4_5	51419
target_lowerVoltage_volt_u10p6_2_3_4_5_6	45686
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	56421
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	55377
target_lowerWindowThresh_Cnt_u16	22806
target_lowerWindowThresh_Cnt_u16_2	57422
target_lowerWindowThresh_Cnt_u16_2_3	31548
target_lowerWindowThresh_Cnt_u16_2_3_4	59702
target_lowerWindowThresh_Cnt_u16_2_3_4_5	53405
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	19447
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	51210
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	7273
target_upperVoltage_volt_u10p6	28627
target_upperVoltage_volt_u10p6_2	30824
target_upperVoltage_volt_u10p6_2_3	56743
target_upperVoltage_volt_u10p6_2_3_4	2659
target_upperVoltage_volt_u10p6_2_3_4_5	51419
target_upperVoltage_volt_u10p6_2_3_4_5_6	45686
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	56421
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	55377
target_upperWindowThresh_Cnt_u16	18276
target_upperWindowThresh_Cnt_u16_2	50054
target_upperWindowThresh_Cnt_u16_2_3	28321
target_upperWindowThresh_Cnt_u16_2_3_4	60428
target_upperWindowThresh_Cnt_u16_2_3_4_5	65535
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	39258
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	48347
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	5429

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2831648648	2831648648	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2831648648	2831648648	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	255461674	255461674	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3517090381	3517090381	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3517090381	3517090381	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2824741804	2824741804	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2824741804	2824741804	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	658449114	658449114	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	658449114	658449114	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3517515874	3517515874	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1049104167	1049104167	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16		2	✔

Test Step 2.58 (Repeat Count = 1)		✔
Name	**Input Value**	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2	

Name	Input Value
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	1736390532
Voltage_Volts_T_u10p6	394
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E9
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	19130
target_lowerVoltage_volt_u10p6	44264
target_lowerVoltage_volt_u10p6_2	57156
target_lowerVoltage_volt_u10p6_2_3	34701
target_lowerVoltage_volt_u10p6_2_3_4	62451
target_lowerVoltage_volt_u10p6_2_3_4_5	10784
target_lowerVoltage_volt_u10p6_2_3_4_5_6	17145
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	17966
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	44460
target_lowerWindowThresh_Cnt_u16	61816
target_lowerWindowThresh_Cnt_u16_2	21657
target_lowerWindowThresh_Cnt_u16_2_3	57160
target_lowerWindowThresh_Cnt_u16_2_3_4	4102
target_lowerWindowThresh_Cnt_u16_2_3_4_5	50932
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	33744
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	47273
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	55839
target_upperVoltage_volt_u10p6	44264
target_upperVoltage_volt_u10p6_2	57156
target_upperVoltage_volt_u10p6_2_3	34701
target_upperVoltage_volt_u10p6_2_3_4	62451
target_upperVoltage_volt_u10p6_2_3_4_5	10784
target_upperVoltage_volt_u10p6_2_3_4_5_6	17145
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	17966
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	44460
target_upperWindowThresh_Cnt_u16	41176
target_upperWindowThresh_Cnt_u16_2	7203
target_upperWindowThresh_Cnt_u16_2_3	61871
target_upperWindowThresh_Cnt_u16_2_3_4	40609
target_upperWindowThresh_Cnt_u16_2_3_4_5	22572
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	5123
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	44432
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	54165

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2831648648	2831648648	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2831648648	2831648648	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	✔

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	255461674	255461674	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3517090381	3517090381	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3517090381	3517090381	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2824741804	2824741804	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2824741804	2824741804	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	658449114	658449114	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	658449114	658449114	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3517515874	3517515874	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1736390532	1736390532	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.59 (Repeat Count = 1)		✔
Name	**Input Value**	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
SystemTime_mS_T_u32	2625398704	
Voltage_Volts_T_u10p6	599	
k_LOIDetect_Volts_u10p6	0	
k_LOINotDetect_Volts_u10p6	0	
lowVoltageExtraCryteria_Cnt_T_lgc	1	
ntc	CustBattDiagNtc_E2	
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	44794	
target_lowerVoltage_volt_u10p6	24484	
target_lowerVoltage_volt_u10p6_2	49381	
target_lowerVoltage_volt_u10p6_2_3	35172	
target_lowerVoltage_volt_u10p6_2_3_4	14038	
target_lowerVoltage_volt_u10p6_2_3_4_5	5902	
target_lowerVoltage_volt_u10p6_2_3_4_5_6	61845	
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	28520	
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	8412	
target_lowerWindowThresh_Cnt_u16	16467	
target_lowerWindowThresh_Cnt_u16_2	37461	
target_lowerWindowThresh_Cnt_u16_2_3	46460	
target_lowerWindowThresh_Cnt_u16_2_3_4	33569	
target_lowerWindowThresh_Cnt_u16_2_3_4_5	22092	
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	0	

Name	Input Value
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	25985
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	50317
target_upperVoltage_volt_u10p6	24484
target_upperVoltage_volt_u10p6_2	49381
target_upperVoltage_volt_u10p6_2_3	35172
target_upperVoltage_volt_u10p6_2_3_4	14038
target_upperVoltage_volt_u10p6_2_3_4_5	5902
target_upperVoltage_volt_u10p6_2_3_4_5_6	61845
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	28520
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	8412
target_upperWindowThresh_Cnt_u16	17560
target_upperWindowThresh_Cnt_u16_2	51350
target_upperWindowThresh_Cnt_u16_2_3	22018
target_upperWindowThresh_Cnt_u16_2_3_4	46585
target_upperWindowThresh_Cnt_u16_2_3_4_5	12304
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	37780
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	62658
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	57025

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2831648648	2831648648	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2625398704	2625398704	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	255461674	255461674	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3517090381	3517090381	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3517090381	3517090381	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2824741804	2824741804	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2824741804	2824741804	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	658449114	658449114	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	658449114	658449114	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3517515874	3517515874	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1736390532	1736390532	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.60 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7

Name	Input Value
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	391129204
Voltage_Volts_T_u10p6	71
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E7
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	9755
target_lowerVoltage_volt_u10p6	4177
target_lowerVoltage_volt_u10p6_2	39103
target_lowerVoltage_volt_u10p6_2_3	61560
target_lowerVoltage_volt_u10p6_2_3_4	19195
target_lowerVoltage_volt_u10p6_2_3_4_5	46325
target_lowerVoltage_volt_u10p6_2_3_4_5_6	61175
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	57166
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	44346
target_lowerWindowThresh_Cnt_u16	32524
target_lowerWindowThresh_Cnt_u16_2	26392
target_lowerWindowThresh_Cnt_u16_2_3	1064
target_lowerWindowThresh_Cnt_u16_2_3_4	18237
target_lowerWindowThresh_Cnt_u16_2_3_4_5	58362
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	65535
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	4274
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	23291
target_upperVoltage_volt_u10p6	4177
target_upperVoltage_volt_u10p6_2	39103
target_upperVoltage_volt_u10p6_2_3	61560
target_upperVoltage_volt_u10p6_2_3_4	19195
target_upperVoltage_volt_u10p6_2_3_4_5	46325
target_upperVoltage_volt_u10p6_2_3_4_5_6	61175
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	57166
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	44346
target_upperWindowThresh_Cnt_u16	8658
target_upperWindowThresh_Cnt_u16_2	18000
target_upperWindowThresh_Cnt_u16_2_3	24352
target_upperWindowThresh_Cnt_u16_2_3_4	54136
target_upperWindowThresh_Cnt_u16_2_3_4_5	53753
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	42785
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	62655
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	39938

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2831648648	2831648648	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2625398704	2625398704	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	255461674	255461674	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3517090381	3517090381	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3517090381	3517090381	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	391129204	391129204	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	391129204	391129204	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	658449114	658449114	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	658449114	658449114	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3517515874	3517515874	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1736390532	1736390532	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.61 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	2835788790
Voltage_Volts_T_u10p6	119
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E2
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	63216
target_lowerVoltage_volt_u10p6	2127
target_lowerVoltage_volt_u10p6_2	940
target_lowerVoltage_volt_u10p6_2_3	53412
target_lowerVoltage_volt_u10p6_2_3_4	3480
target_lowerVoltage_volt_u10p6_2_3_4_5	21358
target_lowerVoltage_volt_u10p6_2_3_4_5_6	14779
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	20502
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	56194
target_lowerWindowThresh_Cnt_u16	30996
target_lowerWindowThresh_Cnt_u16_2	59116
target_lowerWindowThresh_Cnt_u16_2_3	52422
target_lowerWindowThresh_Cnt_u16_2_3_4	48579
target_lowerWindowThresh_Cnt_u16_2_3_4_5	49201
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	26065
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	31891
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	58909
target_upperVoltage_volt_u10p6	2127
target_upperVoltage_volt_u10p6_2	940
target_upperVoltage_volt_u10p6_2_3	53412
target_upperVoltage_volt_u10p6_2_3_4	3480
target_upperVoltage_volt_u10p6_2_3_4_5	21358
target_upperVoltage_volt_u10p6_2_3_4_5_6	14779
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	20502
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	56194
target_upperWindowThresh_Cnt_u16	62077
target_upperWindowThresh_Cnt_u16_2	7233
target_upperWindowThresh_Cnt_u16_2_3	11097
target_upperWindowThresh_Cnt_u16_2_3_4	50704
target_upperWindowThresh_Cnt_u16_2_3_4_5	48392
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	49161
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	5923
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	28954

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2835788790	2835788790	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	255461674	255461674	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3517090381	3517090381	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3517090381	3517090381	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	391129204	391129204	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	391129204	391129204	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	658449114	658449114	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	658449114	658449114	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3517515874	3517515874	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1736390532	1736390532	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.62 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	1068296982
Voltage_Volts_T_u10p6	837
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E5
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	62354
target_lowerVoltage_volt_u10p6	24334
target_lowerVoltage_volt_u10p6_2	500
target_lowerVoltage_volt_u10p6_2_3	45234
target_lowerVoltage_volt_u10p6_2_3_4	32956
target_lowerVoltage_volt_u10p6_2_3_4_5	41753

Name	Input Value
target_lowerVoltage_volt_u10p6_2_3_4_5_6	0
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	6036
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	35579
target_lowerWindowThresh_Cnt_u16	61734
target_lowerWindowThresh_Cnt_u16_2	48503
target_lowerWindowThresh_Cnt_u16_2_3	29807
target_lowerWindowThresh_Cnt_u16_2_3_4	23675
target_lowerWindowThresh_Cnt_u16_2_3_4_5	8541
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	52434
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	57427
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	59930
target_upperVoltage_volt_u10p6	24334
target_upperVoltage_volt_u10p6_2	500
target_upperVoltage_volt_u10p6_2_3	45234
target_upperVoltage_volt_u10p6_2_3_4	32956
target_upperVoltage_volt_u10p6_2_3_4_5	41753
target_upperVoltage_volt_u10p6_2_3_4_5_6	0
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	6036
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	35579
target_upperWindowThresh_Cnt_u16	44470
target_upperWindowThresh_Cnt_u16_2	14758
target_upperWindowThresh_Cnt_u16_2_3	20091
target_upperWindowThresh_Cnt_u16_2_3_4	36059
target_upperWindowThresh_Cnt_u16_2_3_4_5	2286
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	17022
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	7694
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	44752

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2835788790	2835788790	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1068296982	1068296982	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3517090381	3517090381	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3517090381	3517090381	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	391129204	391129204	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	391129204	391129204	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	658449114	658449114	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	658449114	658449114	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3517515874	3517515874	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1736390532	1736390532	✔

Test Step Call Trace   ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.63 (Repeat Count = 1)   ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4

Name	Input Value
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	3169103008
Voltage_Volts_T_u10p6	470
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	9761
target_lowerVoltage_volt_u10p6	65046
target_lowerVoltage_volt_u10p6_2	15218
target_lowerVoltage_volt_u10p6_2_3	32718
target_lowerVoltage_volt_u10p6_2_3_4	31235
target_lowerVoltage_volt_u10p6_2_3_4_5	34660
target_lowerVoltage_volt_u10p6_2_3_4_5_6	65535
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	52645
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	17795
target_lowerWindowThresh_Cnt_u16	13494
target_lowerWindowThresh_Cnt_u16_2	49584
target_lowerWindowThresh_Cnt_u16_2_3	43721
target_lowerWindowThresh_Cnt_u16_2_3_4	34
target_lowerWindowThresh_Cnt_u16_2_3_4_5	52682
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	28434
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	62958
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	26600
target_upperVoltage_volt_u10p6	65046
target_upperVoltage_volt_u10p6_2	15218
target_upperVoltage_volt_u10p6_2_3	32718
target_upperVoltage_volt_u10p6_2_3_4	31235
target_upperVoltage_volt_u10p6_2_3_4_5	34660
target_upperVoltage_volt_u10p6_2_3_4_5_6	65535
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	52645
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	17795
target_upperWindowThresh_Cnt_u16	14640
target_upperWindowThresh_Cnt_u16_2	44684
target_upperWindowThresh_Cnt_u16_2_3	62866
target_upperWindowThresh_Cnt_u16_2_3_4	64390
target_upperWindowThresh_Cnt_u16_2_3_4_5	37081
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	58163
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	40006
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	62411

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	3169103008	3169103008	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2835788790	2835788790	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1068296982	1068296982	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3517090381	3517090381	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3517090381	3517090381	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	391129204	391129204	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	391129204	391129204	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	658449114	658449114	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	658449114	658449114	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3517515874	3517515874	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1736390532	1736390532	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.64 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	3998659835
Voltage_Volts_T_u10p6	847
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E2
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	64675
target_lowerVoltage_volt_u10p6	33991
target_lowerVoltage_volt_u10p6_2	18262
target_lowerVoltage_volt_u10p6_2_3	5496
target_lowerVoltage_volt_u10p6_2_3_4	11741
target_lowerVoltage_volt_u10p6_2_3_4_5	43164
target_lowerVoltage_volt_u10p6_2_3_4_5_6	27086
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	38786
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	8232
target_lowerWindowThresh_Cnt_u16	57328
target_lowerWindowThresh_Cnt_u16_2	60211
target_lowerWindowThresh_Cnt_u16_2_3	30489
target_lowerWindowThresh_Cnt_u16_2_3_4	5193
target_lowerWindowThresh_Cnt_u16_2_3_4_5	47148
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	29668
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	44894
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	22434
target_upperVoltage_volt_u10p6	33991
target_upperVoltage_volt_u10p6_2	18262
target_upperVoltage_volt_u10p6_2_3	5496
target_upperVoltage_volt_u10p6_2_3_4	11741
target_upperVoltage_volt_u10p6_2_3_4_5	43164
target_upperVoltage_volt_u10p6_2_3_4_5_6	27086
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	38786
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	8232

Name	Input Value
target_upperWindowThresh_Cnt_u16	45458
target_upperWindowThresh_Cnt_u16_2	32150
target_upperWindowThresh_Cnt_u16_2_3	55675
target_upperWindowThresh_Cnt_u16_2_3_4	18416
target_upperWindowThresh_Cnt_u16_2_3_4_5	41389
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	57045
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	28955
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	11926

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	3169103008	3169103008	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3998659835	3998659835	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1068296982	1068296982	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3517090381	3517090381	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3517090381	3517090381	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	391129204	391129204	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	391129204	391129204	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	658449114	658449114	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	658449114	658449114	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3517515874	3517515874	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1736390532	1736390532	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.65 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	3091893721
Voltage_Volts_T_u10p6	762

Name	Input Value
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E9
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	65012
target_lowerVoltage_volt_u10p6	9568
target_lowerVoltage_volt_u10p6_2	8172
target_lowerVoltage_volt_u10p6_2_3	48949
target_lowerVoltage_volt_u10p6_2_3_4	13163
target_lowerVoltage_volt_u10p6_2_3_4_5	51545
target_lowerVoltage_volt_u10p6_2_3_4_5_6	59706
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	44305
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	49001
target_lowerWindowThresh_Cnt_u16	26965
target_lowerWindowThresh_Cnt_u16_2	21890
target_lowerWindowThresh_Cnt_u16_2_3	51148
target_lowerWindowThresh_Cnt_u16_2_3_4	30076
target_lowerWindowThresh_Cnt_u16_2_3_4_5	38257
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	36509
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	12249
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	63291
target_upperVoltage_volt_u10p6	9568
target_upperVoltage_volt_u10p6_2	8172
target_upperVoltage_volt_u10p6_2_3	48949
target_upperVoltage_volt_u10p6_2_3_4	13163
target_upperVoltage_volt_u10p6_2_3_4_5	51545
target_upperVoltage_volt_u10p6_2_3_4_5_6	59706
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	44305
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	49001
target_upperWindowThresh_Cnt_u16	50415
target_upperWindowThresh_Cnt_u16_2	17266
target_upperWindowThresh_Cnt_u16_2_3	31329
target_upperWindowThresh_Cnt_u16_2_3_4	54722
target_upperWindowThresh_Cnt_u16_2_3_4_5	53994
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	0
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	2660
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	56813

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	3169103008	3169103008	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3998659835	3998659835	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1068296982	1068296982	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3517090381	3517090381	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3517090381	3517090381	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	391129204	391129204	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	391129204	391129204	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	658449114	658449114	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	658449114	658449114	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3091893721	3091893721	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.66 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2

Name	Input Value
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	1476367136
Voltage_Volts_T_u10p6	525
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E6
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap	46245
target_lowerVoltage_volt_u10p6	61306
target_lowerVoltage_volt_u10p6_2	20086
target_lowerVoltage_volt_u10p6_2_3	2785
target_lowerVoltage_volt_u10p6_2_3_4	48980
target_lowerVoltage_volt_u10p6_2_3_4_5	351
target_lowerVoltage_volt_u10p6_2_3_4_5_6	11190
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	52032
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	25223
target_lowerWindowThresh_Cnt_u16	15002
target_lowerWindowThresh_Cnt_u16_2	43978
target_lowerWindowThresh_Cnt_u16_2_3	22957
target_lowerWindowThresh_Cnt_u16_2_3_4	58858
target_lowerWindowThresh_Cnt_u16_2_3_4_5	1184
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	25965
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	64422
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	24948
target_upperVoltage_volt_u10p6	61306
target_upperVoltage_volt_u10p6_2	20086
target_upperVoltage_volt_u10p6_2_3	2785
target_upperVoltage_volt_u10p6_2_3_4	48980
target_upperVoltage_volt_u10p6_2_3_4_5	351
target_upperVoltage_volt_u10p6_2_3_4_5_6	11190
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	52032
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	25223
target_upperWindowThresh_Cnt_u16	30234
target_upperWindowThresh_Cnt_u16_2	35688
target_upperWindowThresh_Cnt_u16_2_3	56177
target_upperWindowThresh_Cnt_u16_2_3_4	64613
target_upperWindowThresh_Cnt_u16_2_3_4_5	39545
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	65535
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	25251
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	20537

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	3169103008	3169103008	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3998659835	3998659835	✔

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	✓
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1068296982	1068296982	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	✓
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3517090381	3517090381	✓
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	391129204	391129204	✓
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	391129204	391129204	✓
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	658449114	658449114	✓
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	658449114	658449114	✓
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	✓
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3091893721	3091893721	✓

Test Step Call Trace					✓
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓	

Test Step 2.67 (Repeat Count = 1)		✓
Name	**Input Value**	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
SystemTime_mS_T_u32	2694265792	
Voltage_Volts_T_u10p6	662	
k_LOIDetect_Volts_u10p6	0	
k_LOINotDetect_Volts_u10p6	0	
lowVoltageExtraCryteria_Cnt_T_lgc	0	
ntc	CustBattDiagNtc_E7	
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	32170	
target_lowerVoltage_volt_u10p6	37030	
target_lowerVoltage_volt_u10p6_2	47246	
target_lowerVoltage_volt_u10p6_2_3	42816	
target_lowerVoltage_volt_u10p6_2_3_4	54633	
target_lowerVoltage_volt_u10p6_2_3_4_5	50988	
target_lowerVoltage_volt_u10p6_2_3_4_5_6	26092	
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	21018	
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	38387	
target_lowerWindowThresh_Cnt_u16	61848	
target_lowerWindowThresh_Cnt_u16_2	46252	

Name	Input Value
target_lowerWindowThresh_Cnt_u16_2_3	50267
target_lowerWindowThresh_Cnt_u16_2_3_4	52091
target_lowerWindowThresh_Cnt_u16_2_3_4_5	15047
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	49681
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	34490
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	62075
target_upperVoltage_volt_u10p6	37030
target_upperVoltage_volt_u10p6_2	47246
target_upperVoltage_volt_u10p6_2_3	42816
target_upperVoltage_volt_u10p6_2_3_4	54633
target_upperVoltage_volt_u10p6_2_3_4_5	50988
target_upperVoltage_volt_u10p6_2_3_4_5_6	26092
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	21018
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	38387
target_upperWindowThresh_Cnt_u16	9257
target_upperWindowThresh_Cnt_u16_2	50993
target_upperWindowThresh_Cnt_u16_2_3	42289
target_upperWindowThresh_Cnt_u16_2_3_4	9556
target_upperWindowThresh_Cnt_u16_2_3_4_5	46974
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	62092
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	24903
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	18131

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	3169103008	3169103008	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3998659835	3998659835	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1068296982	1068296982	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3517090381	3517090381	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2694265792	2694265792	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2694265792	2694265792	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	658449114	658449114	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	658449114	658449114	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3091893721	3091893721	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.68 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6

Name	Input Value
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	2538608509
Voltage_Volts_T_u10p6	344
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E7
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	55295
target_lowerVoltage_volt_u10p6	32689
target_lowerVoltage_volt_u10p6_2	61217
target_lowerVoltage_volt_u10p6_2_3	54459
target_lowerVoltage_volt_u10p6_2_3_4	43595
target_lowerVoltage_volt_u10p6_2_3_4_5	37686
target_lowerVoltage_volt_u10p6_2_3_4_5_6	901
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	55325
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	4551
target_lowerWindowThresh_Cnt_u16	2825
target_lowerWindowThresh_Cnt_u16_2	23553
target_lowerWindowThresh_Cnt_u16_2_3	48077
target_lowerWindowThresh_Cnt_u16_2_3_4	64877
target_lowerWindowThresh_Cnt_u16_2_3_4_5	30444
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	39073
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	0
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	39170
target_upperVoltage_volt_u10p6	32689
target_upperVoltage_volt_u10p6_2	61217
target_upperVoltage_volt_u10p6_2_3	54459
target_upperVoltage_volt_u10p6_2_3_4	43595
target_upperVoltage_volt_u10p6_2_3_4_5	37686
target_upperVoltage_volt_u10p6_2_3_4_5_6	901
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	55325
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	4551
target_upperWindowThresh_Cnt_u16	37605
target_upperWindowThresh_Cnt_u16_2	64728
target_upperWindowThresh_Cnt_u16_2_3	32468
target_upperWindowThresh_Cnt_u16_2_3_4	44688
target_upperWindowThresh_Cnt_u16_2_3_4_5	30202
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	7288
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	25957
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	56545

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	3169103008	3169103008	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3998659835	3998659835	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1068296982	1068296982	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3517090381	3517090381	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2538608509	2538608509	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2538608509	2538608509	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	658449114	658449114	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	658449114	658449114	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3091893721	3091893721	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.69 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	2043796865
Voltage_Volts_T_u10p6	397
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	42391
target_lowerVoltage_volt_u10p6	9539
target_lowerVoltage_volt_u10p6_2	11719
target_lowerVoltage_volt_u10p6_2_3	30437
target_lowerVoltage_volt_u10p6_2_3_4	55914
target_lowerVoltage_volt_u10p6_2_3_4_5	14651
target_lowerVoltage_volt_u10p6_2_3_4_5_6	33831
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	43218
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	7625
target_lowerWindowThresh_Cnt_u16	20615
target_lowerWindowThresh_Cnt_u16_2	14023
target_lowerWindowThresh_Cnt_u16_2_3	15918
target_lowerWindowThresh_Cnt_u16_2_3_4	44474
target_lowerWindowThresh_Cnt_u16_2_3_4_5	37671
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	39000
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	65535
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	65504
target_upperVoltage_volt_u10p6	9539
target_upperVoltage_volt_u10p6_2	11719
target_upperVoltage_volt_u10p6_2_3	30437
target_upperVoltage_volt_u10p6_2_3_4	55914
target_upperVoltage_volt_u10p6_2_3_4_5	14651
target_upperVoltage_volt_u10p6_2_3_4_5_6	33831
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	43218
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	7625
target_upperWindowThresh_Cnt_u16	62266
target_upperWindowThresh_Cnt_u16_2	6768
target_upperWindowThresh_Cnt_u16_2_3	22341
target_upperWindowThresh_Cnt_u16_2_3_4	19909
target_upperWindowThresh_Cnt_u16_2_3_4_5	9840

Name	Input Value		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	38257		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	48207		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	24928		

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2043796865	2043796865	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2043796865	2043796865	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3998659835	3998659835	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1068296982	1068296982	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3517090381	3517090381	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2538608509	2538608509	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2538608509	2538608509	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	658449114	658449114	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	658449114	658449114	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3091893721	3091893721	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.70 (Repeat Count = 1)		✔
Name	**Input Value**	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
SystemTime_mS_T_u32	2601371668	
Voltage_Volts_T_u10p6	949	
k_LOIDetect_Volts_u10p6	0	
k_LOINotDetect_Volts_u10p6	0	
lowVoltageExtraCryteria_Cnt_T_lgc	1	
ntc	CustBattDiagNtc_E1	
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	3591	

Name	Input Value
target_lowerVoltage_volt_u10p6	56750
target_lowerVoltage_volt_u10p6_2	17877
target_lowerVoltage_volt_u10p6_2_3	47657
target_lowerVoltage_volt_u10p6_2_3_4	45234
target_lowerVoltage_volt_u10p6_2_3_4_5	46020
target_lowerVoltage_volt_u10p6_2_3_4_5_6	10996
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	11773
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	53628
target_lowerWindowThresh_Cnt_u16	19745
target_lowerWindowThresh_Cnt_u16_2	46632
target_lowerWindowThresh_Cnt_u16_2_3	51567
target_lowerWindowThresh_Cnt_u16_2_3_4	63733
target_lowerWindowThresh_Cnt_u16_2_3_4_5	50668
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	56396
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	44429
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	20688
target_upperVoltage_volt_u10p6	56750
target_upperVoltage_volt_u10p6_2	17877
target_upperVoltage_volt_u10p6_2_3	47657
target_upperVoltage_volt_u10p6_2_3_4	45234
target_upperVoltage_volt_u10p6_2_3_4_5	46020
target_upperVoltage_volt_u10p6_2_3_4_5_6	10996
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	11773
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	53628
target_upperWindowThresh_Cnt_u16	8955
target_upperWindowThresh_Cnt_u16_2	12232
target_upperWindowThresh_Cnt_u16_2_3	37961
target_upperWindowThresh_Cnt_u16_2_3_4	20495
target_upperWindowThresh_Cnt_u16_2_3_4_5	3353
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	35348
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	48449
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	27110

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2043796865	2043796865	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2601371668	2601371668	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3998659835	3998659835	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1068296982	1068296982	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3517090381	3517090381	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2538608509	2538608509	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2538608509	2538608509	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	658449114	658449114	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	658449114	658449114	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3091893721	3091893721	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.71 (Repeat Count = 1)	✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4

Name	Input Value
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	237540168
Voltage_Volts_T_u10p6	820
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	33906
target_lowerVoltage_volt_u10p6	47903
target_lowerVoltage_volt_u10p6_2	51458
target_lowerVoltage_volt_u10p6_2_3	45637
target_lowerVoltage_volt_u10p6_2_3_4	56514
target_lowerVoltage_volt_u10p6_2_3_4_5	63823
target_lowerVoltage_volt_u10p6_2_3_4_5_6	22066
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	0
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	30102
target_lowerWindowThresh_Cnt_u16	55365
target_lowerWindowThresh_Cnt_u16_2	27704
target_lowerWindowThresh_Cnt_u16_2_3	59248
target_lowerWindowThresh_Cnt_u16_2_3_4	43661
target_lowerWindowThresh_Cnt_u16_2_3_4_5	32708
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	20801
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	33940
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	54900
target_upperVoltage_volt_u10p6	47903
target_upperVoltage_volt_u10p6_2	51458
target_upperVoltage_volt_u10p6_2_3	45637
target_upperVoltage_volt_u10p6_2_3_4	56514
target_upperVoltage_volt_u10p6_2_3_4_5	63823
target_upperVoltage_volt_u10p6_2_3_4_5_6	22066
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	0
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	30102
target_upperWindowThresh_Cnt_u16	22432
target_upperWindowThresh_Cnt_u16_2	18548
target_upperWindowThresh_Cnt_u16_2_3	2465
target_upperWindowThresh_Cnt_u16_2_3_4	3249
target_upperWindowThresh_Cnt_u16_2_3_4_5	26540
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	64183
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	35630
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	22460

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	237540168	237540168	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3998659835	3998659835	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1068296982	1068296982	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3517090381	3517090381	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2538608509	2538608509	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2538608509	2538608509	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	658449114	658449114	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	658449114	658449114	✔

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3091893721	3091893721	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔	

Test Step 2.72 (Repeat Count = 1)		✔
Name	**Input Value**	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
SystemTime_mS_T_u32	2751979985	
Voltage_Volts_T_u10p6	0	
k_LOIDetect_Volts_u10p6	0	
k_LOINotDetect_Volts_u10p6	0	
lowVoltageExtraCryteria_Cnt_T_lgc	1	
ntc	CustBattDiagNtc_E1	
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	52501	
target_lowerVoltage_volt_u10p6	24855	
target_lowerVoltage_volt_u10p6_2	9103	
target_lowerVoltage_volt_u10p6_2_3	32456	
target_lowerVoltage_volt_u10p6_2_3_4	41290	
target_lowerVoltage_volt_u10p6_2_3_4_5	60540	
target_lowerVoltage_volt_u10p6_2_3_4_5_6	56595	
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	65535	
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	54254	
target_lowerWindowThresh_Cnt_u16	53312	
target_lowerWindowThresh_Cnt_u16_2	23995	
target_lowerWindowThresh_Cnt_u16_2_3	65448	
target_lowerWindowThresh_Cnt_u16_2_3_4	19793	
target_lowerWindowThresh_Cnt_u16_2_3_4_5	23515	
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	56696	
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	38094	
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	16006	
target_upperVoltage_volt_u10p6	24855	
target_upperVoltage_volt_u10p6_2	9103	

Name	Input Value
target_upperVoltage_volt_u10p6_2_3	32456
target_upperVoltage_volt_u10p6_2_3_4	41290
target_upperVoltage_volt_u10p6_2_3_4_5	60540
target_upperVoltage_volt_u10p6_2_3_4_5_6	56595
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	65535
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	54254
target_upperWindowThresh_Cnt_u16	19410
target_upperWindowThresh_Cnt_u16_2	64284
target_upperWindowThresh_Cnt_u16_2_3	62911
target_upperWindowThresh_Cnt_u16_2_3_4	23082
target_upperWindowThresh_Cnt_u16_2_3_4_5	19094
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	18732
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	9948
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	30019

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2751979985	2751979985	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3998659835	3998659835	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1068296982	1068296982	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3517090381	3517090381	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2538608509	2538608509	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2538608509	2538608509	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	658449114	658449114	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	658449114	658449114	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3091893721	3091893721	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔	

Test Step 2.73 (Repeat Count = 1)		✔
Name	**Input Value**	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	

Name	Input Value
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	3686189422
Voltage_Volts_T_u10p6	1023
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E8
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	54226
target_lowerVoltage_volt_u10p6	32146
target_lowerVoltage_volt_u10p6_2	8193
target_lowerVoltage_volt_u10p6_2_3	25176
target_lowerVoltage_volt_u10p6_2_3_4	5661
target_lowerVoltage_volt_u10p6_2_3_4_5	4613
target_lowerVoltage_volt_u10p6_2_3_4_5_6	36333
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	16573
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	48778
target_lowerWindowThresh_Cnt_u16	57170
target_lowerWindowThresh_Cnt_u16_2	42267
target_lowerWindowThresh_Cnt_u16_2_3	32710
target_lowerWindowThresh_Cnt_u16_2_3_4	25138
target_lowerWindowThresh_Cnt_u16_2_3_4_5	36820
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	49663
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	25160
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	918
target_upperVoltage_volt_u10p6	32146
target_upperVoltage_volt_u10p6_2	8193
target_upperVoltage_volt_u10p6_2_3	25176
target_upperVoltage_volt_u10p6_2_3_4	5661
target_upperVoltage_volt_u10p6_2_3_4_5	4613
target_upperVoltage_volt_u10p6_2_3_4_5_6	36333
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	16573
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	48778
target_upperWindowThresh_Cnt_u16	50704
target_upperWindowThresh_Cnt_u16_2	24567
target_upperWindowThresh_Cnt_u16_2_3	52703
target_upperWindowThresh_Cnt_u16_2_3_4	25965
target_upperWindowThresh_Cnt_u16_2_3_4_5	43330
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	61132
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	705
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	15661

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✓
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✓
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✓
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2751979985	2751979985	✓
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	✓
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3998659835	3998659835	✓
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	✓
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1068296982	1068296982	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	✓
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3517090381	3517090381	✓
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2538608509	2538608509	✓
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2538608509	2538608509	✓
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3686189422	3686189422	✓
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3686189422	3686189422	✓
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	✓
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3091893721	3091893721	✓

Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓

Test Step 2.74 (Repeat Count = 1) ✓

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	1468511910
Voltage_Volts_T_u10p6	583
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E2
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	7204
target_lowerVoltage_volt_u10p6	45792
target_lowerVoltage_volt_u10p6_2	22191
target_lowerVoltage_volt_u10p6_2_3	798
target_lowerVoltage_volt_u10p6_2_3_4	61418
target_lowerVoltage_volt_u10p6_2_3_4_5	62758
target_lowerVoltage_volt_u10p6_2_3_4_5_6	2179
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	35603
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	33608
target_lowerWindowThresh_Cnt_u16	10857
target_lowerWindowThresh_Cnt_u16_2	59412
target_lowerWindowThresh_Cnt_u16_2_3	44483
target_lowerWindowThresh_Cnt_u16_2_3_4	11015
target_lowerWindowThresh_Cnt_u16_2_3_4_5	17763
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	51532
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	58379
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	63936
target_upperVoltage_volt_u10p6	45792
target_upperVoltage_volt_u10p6_2	22191
target_upperVoltage_volt_u10p6_2_3	798
target_upperVoltage_volt_u10p6_2_3_4	61418
target_upperVoltage_volt_u10p6_2_3_4_5	62758
target_upperVoltage_volt_u10p6_2_3_4_5_6	2179
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	35603
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	33608
target_upperWindowThresh_Cnt_u16	2799
target_upperWindowThresh_Cnt_u16_2	32970
target_upperWindowThresh_Cnt_u16_2_3	48375
target_upperWindowThresh_Cnt_u16_2_3_4	27057
target_upperWindowThresh_Cnt_u16_2_3_4_5	44527
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	60135
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	0
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	19233

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2751979985	2751979985	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	1468511910	1468511910	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1068296982	1068296982	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3517090381	3517090381	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2538608509	2538608509	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2538608509	2538608509	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3686189422	3686189422	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3686189422	3686189422	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3091893721	3091893721	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.75 (Repeat Count = 1)		✔
Name	**Input Value**	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
SystemTime_mS_T_u32	2863361536	
Voltage_Volts_T_u10p6	996	
k_LOIDetect_Volts_u10p6	0	
k_LOINotDetect_Volts_u10p6	0	
lowVoltageExtraCryteria_Cnt_T_lgc	1	
ntc	CustBattDiagNtc_E0	
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	25942	
target_lowerVoltage_volt_u10p6	42234	
target_lowerVoltage_volt_u10p6_2	19696	
target_lowerVoltage_volt_u10p6_2_3	51612	
target_lowerVoltage_volt_u10p6_2_3_4	27239	
target_lowerVoltage_volt_u10p6_2_3_4_5	63518	
target_lowerVoltage_volt_u10p6_2_3_4_5_6	2521	
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	10694	
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	42386	

Name	Input Value
target_lowerWindowThresh_Cnt_u16	17613
target_lowerWindowThresh_Cnt_u16_2	16106
target_lowerWindowThresh_Cnt_u16_2_3	52312
target_lowerWindowThresh_Cnt_u16_2_3_4	43045
target_lowerWindowThresh_Cnt_u16_2_3_4_5	20366
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	58003
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	54590
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	61010
target_upperVoltage_volt_u10p6	42234
target_upperVoltage_volt_u10p6_2	19696
target_upperVoltage_volt_u10p6_2_3	51612
target_upperVoltage_volt_u10p6_2_3_4	27239
target_upperVoltage_volt_u10p6_2_3_4_5	63518
target_upperVoltage_volt_u10p6_2_3_4_5_6	2521
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	10694
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	42386
target_upperWindowThresh_Cnt_u16	61630
target_upperWindowThresh_Cnt_u16_2	19014
target_upperWindowThresh_Cnt_u16_2_3	47107
target_upperWindowThresh_Cnt_u16_2_3_4	4531
target_upperWindowThresh_Cnt_u16_2_3_4_5	3822
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	25975
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	65535
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	51492

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2751979985	2751979985	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	1468511910	1468511910	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1068296982	1068296982	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3517090381	3517090381	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2538608509	2538608509	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2538608509	2538608509	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3686189422	3686189422	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3686189422	3686189422	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3091893721	3091893721	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔

Test Step 2.76 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5

Name	Input Value
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	4046255567
Voltage_Volts_T_u10p6	6
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E8
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	49622
target_lowerVoltage_volt_u10p6	14744
target_lowerVoltage_volt_u10p6_2	34534
target_lowerVoltage_volt_u10p6_2_3	8896
target_lowerVoltage_volt_u10p6_2_3_4	45127
target_lowerVoltage_volt_u10p6_2_3_4_5	37291
target_lowerVoltage_volt_u10p6_2_3_4_5_6	61017
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	56150
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	22077
target_lowerWindowThresh_Cnt_u16	34460
target_lowerWindowThresh_Cnt_u16_2	17595
target_lowerWindowThresh_Cnt_u16_2_3	31117
target_lowerWindowThresh_Cnt_u16_2_3_4	36920
target_lowerWindowThresh_Cnt_u16_2_3_4_5	344
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	30527
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	46347
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	15953
target_upperVoltage_volt_u10p6	14744
target_upperVoltage_volt_u10p6_2	34534
target_upperVoltage_volt_u10p6_2_3	8896
target_upperVoltage_volt_u10p6_2_3_4	45127
target_upperVoltage_volt_u10p6_2_3_4_5	37291
target_upperVoltage_volt_u10p6_2_3_4_5_6	61017
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	56150
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	22077
target_upperWindowThresh_Cnt_u16	60419
target_upperWindowThresh_Cnt_u16_2	50645
target_upperWindowThresh_Cnt_u16_2_3	9640
target_upperWindowThresh_Cnt_u16_2_3_4	59264
target_upperWindowThresh_Cnt_u16_2_3_4_5	29384
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	61898
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	55428
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	44255

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2751979985	2751979985	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	1468511910	1468511910	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1068296982	1068296982	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3517090381	3517090381	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2538608509	2538608509	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2538608509	2538608509	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3686189422	3686189422	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	4046255567	4046255567	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3091893721	3091893721	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔

Test Step 2.77 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	1455583955
Voltage_Volts_T_u10p6	190
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E7
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	38501
target_lowerVoltage_volt_u10p6	7070
target_lowerVoltage_volt_u10p6_2	18550
target_lowerVoltage_volt_u10p6_2_3	55443
target_lowerVoltage_volt_u10p6_2_3_4	36036
target_lowerVoltage_volt_u10p6_2_3_4_5	34827
target_lowerVoltage_volt_u10p6_2_3_4_5_6	49558
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	42782
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	25433
target_lowerWindowThresh_Cnt_u16	23759
target_lowerWindowThresh_Cnt_u16_2	17360
target_lowerWindowThresh_Cnt_u16_2_3	37029
target_lowerWindowThresh_Cnt_u16_2_3_4	16767
target_lowerWindowThresh_Cnt_u16_2_3_4_5	46479
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	927
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	61408
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	0
target_upperVoltage_volt_u10p6	7070
target_upperVoltage_volt_u10p6_2	18550
target_upperVoltage_volt_u10p6_2_3	55443
target_upperVoltage_volt_u10p6_2_3_4	36036
target_upperVoltage_volt_u10p6_2_3_4_5	34827
target_upperVoltage_volt_u10p6_2_3_4_5_6	49558

Name	Input Value
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	42782
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	25433
target_upperWindowThresh_Cnt_u16	47470
target_upperWindowThresh_Cnt_u16_2	6453
target_upperWindowThresh_Cnt_u16_2_3	9337
target_upperWindowThresh_Cnt_u16_2_3_4	8775
target_upperWindowThresh_Cnt_u16_2_3_4_5	31795
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	16915
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	46697
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	2744

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2751979985	2751979985	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	1468511910	1468511910	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1068296982	1068296982	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3517090381	3517090381	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2538608509	2538608509	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	1455583955	1455583955	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3686189422	3686189422	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	4046255567	4046255567	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3091893721	3091893721	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.78 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime

Name	Input Value
SystemTime_mS_T_u32	3686189422
Voltage_Volts_T_u10p6	78
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E5
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap	10271
target_lowerVoltage_volt_u10p6	65022
target_lowerVoltage_volt_u10p6_2	16777
target_lowerVoltage_volt_u10p6_2_3	51561
target_lowerVoltage_volt_u10p6_2_3_4	6962
target_lowerVoltage_volt_u10p6_2_3_4_5	2309
target_lowerVoltage_volt_u10p6_2_3_4_5_6	60788
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	5006
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	60774
target_lowerWindowThresh_Cnt_u16	53757
target_lowerWindowThresh_Cnt_u16_2	57594
target_lowerWindowThresh_Cnt_u16_2_3	3804
target_lowerWindowThresh_Cnt_u16_2_3_4	50962
target_lowerWindowThresh_Cnt_u16_2_3_4_5	45524
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	38587
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	59879
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	65535
target_upperVoltage_volt_u10p6	65022
target_upperVoltage_volt_u10p6_2	16777
target_upperVoltage_volt_u10p6_2_3	51561
target_upperVoltage_volt_u10p6_2_3_4	6962
target_upperVoltage_volt_u10p6_2_3_4_5	2309
target_upperVoltage_volt_u10p6_2_3_4_5_6	60788
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	5006
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	60774
target_upperWindowThresh_Cnt_u16	52117
target_upperWindowThresh_Cnt_u16_2	38419
target_upperWindowThresh_Cnt_u16_2_3	35358
target_upperWindowThresh_Cnt_u16_2_3_4	43092
target_upperWindowThresh_Cnt_u16_2_3_4_5	25946
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	65472
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	61785
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	14813

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2751979985	2751979985	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	1468511910	1468511910	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	3686189422	3686189422	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3517090381	3517090381	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2538608509	2538608509	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	1455583955	1455583955	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3686189422	3686189422	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	4046255567	4046255567	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3091893721	3091893721	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.79 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2

Name	Input Value
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	1468511910
Voltage_Volts_T_u10p6	325
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E7
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	55452
target_lowerVoltage_volt_u10p6	1893
target_lowerVoltage_volt_u10p6_2	63611
target_lowerVoltage_volt_u10p6_2_3	31191
target_lowerVoltage_volt_u10p6_2_3_4	29107
target_lowerVoltage_volt_u10p6_2_3_4_5	45789
target_lowerVoltage_volt_u10p6_2_3_4_5_6	20601
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	37984
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	52486
target_lowerWindowThresh_Cnt_u16	15574
target_lowerWindowThresh_Cnt_u16_2	33057
target_lowerWindowThresh_Cnt_u16_2_3	42836
target_lowerWindowThresh_Cnt_u16_2_3_4	16843
target_lowerWindowThresh_Cnt_u16_2_3_4_5	55515
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	9558
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	49745
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	17538
target_upperVoltage_volt_u10p6	1893
target_upperVoltage_volt_u10p6_2	63611
target_upperVoltage_volt_u10p6_2_3	31191
target_upperVoltage_volt_u10p6_2_3_4	29107
target_upperVoltage_volt_u10p6_2_3_4_5	45789
target_upperVoltage_volt_u10p6_2_3_4_5_6	20601
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	37984
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	52486
target_upperWindowThresh_Cnt_u16	32990
target_upperWindowThresh_Cnt_u16_2	10033
target_upperWindowThresh_Cnt_u16_2_3	18459
target_upperWindowThresh_Cnt_u16_2_3_4	41382
target_upperWindowThresh_Cnt_u16_2_3_4_5	19945
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	18485
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	8217
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	29538

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2751979985	2751979985	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	1468511910	1468511910	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	✔

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	3686189422	3686189422	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3517090381	3517090381	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	1468511910	1468511910	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	1468511910	1468511910	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3686189422	3686189422	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	4046255567	4046255567	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3091893721	3091893721	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.80 (Repeat Count = 1)		✔
Name	**Input Value**	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
SystemTime_mS_T_u32	2863361536	
Voltage_Volts_T_u10p6	488	
k_LOIDetect_Volts_u10p6	0	
k_LOINotDetect_Volts_u10p6	0	
lowVoltageExtraCryteria_Cnt_T_lgc	1	
ntc	CustBattDiagNtc_E6	
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	13407	
target_lowerVoltage_volt_u10p6	58855	
target_lowerVoltage_volt_u10p6_2	34513	
target_lowerVoltage_volt_u10p6_2_3	42179	
target_lowerVoltage_volt_u10p6_2_3_4	8139	
target_lowerVoltage_volt_u10p6_2_3_4_5	63519	
target_lowerVoltage_volt_u10p6_2_3_4_5_6	52120	
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	63243	
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	0	
target_lowerWindowThresh_Cnt_u16	60727	
target_lowerWindowThresh_Cnt_u16_2	61593	
target_lowerWindowThresh_Cnt_u16_2_3	46975	

Name	Input Value
target_lowerWindowThresh_Cnt_u16_2_3_4	5934
target_lowerWindowThresh_Cnt_u16_2_3_4_5	38388
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	43268
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	37421
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	5872
target_upperVoltage_volt_u10p6	58855
target_upperVoltage_volt_u10p6_2	34513
target_upperVoltage_volt_u10p6_2_3	42179
target_upperVoltage_volt_u10p6_2_3_4	8139
target_upperVoltage_volt_u10p6_2_3_4_5	63519
target_upperVoltage_volt_u10p6_2_3_4_5_6	52120
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	63243
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	0
target_upperWindowThresh_Cnt_u16	7568
target_upperWindowThresh_Cnt_u16_2	56657
target_upperWindowThresh_Cnt_u16_2_3	26105
target_upperWindowThresh_Cnt_u16_2_3_4	4287
target_upperWindowThresh_Cnt_u16_2_3_4_5	50931
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	60349
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	23068
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	62619

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2751979985	2751979985	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	1468511910	1468511910	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	3686189422	3686189422	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	1468511910	1468511910	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	1468511910	1468511910	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3686189422	3686189422	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	4046255567	4046255567	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3091893721	3091893721	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.81 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7

Name	Input Value
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	3386859209
Voltage_Volts_T_u10p6	714
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E8
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	49020
target_lowerVoltage_volt_u10p6	47676
target_lowerVoltage_volt_u10p6_2	43163
target_lowerVoltage_volt_u10p6_2_3	64832
target_lowerVoltage_volt_u10p6_2_3_4	45222
target_lowerVoltage_volt_u10p6_2_3_4_5	46916
target_lowerVoltage_volt_u10p6_2_3_4_5_6	63795
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	5023
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	65535
target_lowerWindowThresh_Cnt_u16	227
target_lowerWindowThresh_Cnt_u16_2	36287
target_lowerWindowThresh_Cnt_u16_2_3	9956
target_lowerWindowThresh_Cnt_u16_2_3_4	48306
target_lowerWindowThresh_Cnt_u16_2_3_4_5	17083
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	52071
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	9087
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	49377
target_upperVoltage_volt_u10p6	47676
target_upperVoltage_volt_u10p6_2	43163
target_upperVoltage_volt_u10p6_2_3	64832
target_upperVoltage_volt_u10p6_2_3_4	45222
target_upperVoltage_volt_u10p6_2_3_4_5	46916
target_upperVoltage_volt_u10p6_2_3_4_5_6	63795
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	5023
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	65535
target_upperWindowThresh_Cnt_u16	3129
target_upperWindowThresh_Cnt_u16_2	53999
target_upperWindowThresh_Cnt_u16_2_3	40535
target_upperWindowThresh_Cnt_u16_2_3_4	36135
target_upperWindowThresh_Cnt_u16_2_3_4_5	47900
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	37773
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	53510
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	42887

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2751979985	2751979985	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	1468511910	1468511910	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	3686189422	3686189422	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	1468511910	1468511910	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	1468511910	1468511910	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3686189422	3686189422	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3386859209	3386859209	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3091893721	3091893721	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔

Test Step 2.82 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	1468581337
Voltage_Volts_T_u10p6	623
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E5
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	21775
target_lowerVoltage_volt_u10p6	27577
target_lowerVoltage_volt_u10p6_2	17770
target_lowerVoltage_volt_u10p6_2_3	15844
target_lowerVoltage_volt_u10p6_2_3_4	37498
target_lowerVoltage_volt_u10p6_2_3_4_5	11602
target_lowerVoltage_volt_u10p6_2_3_4_5_6	29654
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	8506
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	37334
target_lowerWindowThresh_Cnt_u16	43982
target_lowerWindowThresh_Cnt_u16_2	44037
target_lowerWindowThresh_Cnt_u16_2_3	38402
target_lowerWindowThresh_Cnt_u16_2_3_4	12817
target_lowerWindowThresh_Cnt_u16_2_3_4_5	39294
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	4733
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	43048
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	46385
target_upperVoltage_volt_u10p6	27577
target_upperVoltage_volt_u10p6_2	17770
target_upperVoltage_volt_u10p6_2_3	15844
target_upperVoltage_volt_u10p6_2_3_4	37498
target_upperVoltage_volt_u10p6_2_3_4_5	11602
target_upperVoltage_volt_u10p6_2_3_4_5_6	29654
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	8506
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	37334
target_upperWindowThresh_Cnt_u16	52753
target_upperWindowThresh_Cnt_u16_2	12034
target_upperWindowThresh_Cnt_u16_2_3	30082
target_upperWindowThresh_Cnt_u16_2_3_4	13159
target_upperWindowThresh_Cnt_u16_2_3_4_5	11573
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	9154
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	12866

Name	Input Value		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	48080		

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2751979985	2751979985	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	1468511910	1468511910	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	1468581337	1468581337	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1468581337	1468581337	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	1468511910	1468511910	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	1468511910	1468511910	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3686189422	3686189422	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3386859209	3386859209	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3091893721	3091893721	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.83 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	1218049674
Voltage_Volts_T_u10p6	625
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E7
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	59164
target_lowerVoltage_volt_u10p6	65182
target_lowerVoltage_volt_u10p6_2	50638

Name	Input Value
target_lowerVoltage_volt_u10p6_2_3	7526
target_lowerVoltage_volt_u10p6_2_3_4	64926
target_lowerVoltage_volt_u10p6_2_3_4_5	47592
target_lowerVoltage_volt_u10p6_2_3_4_5_6	14434
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	37070
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	63791
target_lowerWindowThresh_Cnt_u16	17915
target_lowerWindowThresh_Cnt_u16_2	22774
target_lowerWindowThresh_Cnt_u16_2_3	62187
target_lowerWindowThresh_Cnt_u16_2_3_4	31927
target_lowerWindowThresh_Cnt_u16_2_3_4_5	65295
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	17100
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	14830
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	27241
target_upperVoltage_volt_u10p6	65182
target_upperVoltage_volt_u10p6_2	50638
target_upperVoltage_volt_u10p6_2_3	7526
target_upperVoltage_volt_u10p6_2_3_4	64926
target_upperVoltage_volt_u10p6_2_3_4_5	47592
target_upperVoltage_volt_u10p6_2_3_4_5_6	14434
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	37070
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	63791
target_upperWindowThresh_Cnt_u16	61392
target_upperWindowThresh_Cnt_u16_2	5689
target_upperWindowThresh_Cnt_u16_2_3	53439
target_upperWindowThresh_Cnt_u16_2_3_4	32511
target_upperWindowThresh_Cnt_u16_2_3_4_5	17628
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	7054
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	20773
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	0

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2751979985	2751979985	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	1468511910	1468511910	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	1468581337	1468581337	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1468581337	1468581337	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	1468511910	1468511910	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	1218049674	1218049674	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3686189422	3686189422	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3386859209	3386859209	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3091893721	3091893721	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.84 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4

Name	Input Value
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	709252971
Voltage_Volts_T_u10p6	71
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E6
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	40244
target_lowerVoltage_volt_u10p6	6228
target_lowerVoltage_volt_u10p6_2	18079
target_lowerVoltage_volt_u10p6_2_3	3345
target_lowerVoltage_volt_u10p6_2_3_4	61459
target_lowerVoltage_volt_u10p6_2_3_4_5	41694
target_lowerVoltage_volt_u10p6_2_3_4_5_6	3702
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	1189
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	402
target_lowerWindowThresh_Cnt_u16	48517
target_lowerWindowThresh_Cnt_u16_2	10753
target_lowerWindowThresh_Cnt_u16_2_3	3904
target_lowerWindowThresh_Cnt_u16_2_3_4	10783
target_lowerWindowThresh_Cnt_u16_2_3_4_5	54244
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	4294
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	51333
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	18725
target_upperVoltage_volt_u10p6	6228
target_upperVoltage_volt_u10p6_2	18079
target_upperVoltage_volt_u10p6_2_3	3345
target_upperVoltage_volt_u10p6_2_3_4	61459
target_upperVoltage_volt_u10p6_2_3_4_5	41694
target_upperVoltage_volt_u10p6_2_3_4_5_6	3702
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	1189
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	402
target_upperWindowThresh_Cnt_u16	13531
target_upperWindowThresh_Cnt_u16_2	27133
target_upperWindowThresh_Cnt_u16_2_3	54194
target_upperWindowThresh_Cnt_u16_2_3_4	28231
target_upperWindowThresh_Cnt_u16_2_3_4_5	59512
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	49457
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	1368
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	65535

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2751979985	2751979985	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	1468511910	1468511910	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	1468581337	1468581337	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1468581337	1468581337	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	709252971	709252971	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	1468511910	1468511910	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	1218049674	1218049674	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3686189422	3686189422	✔

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3386859209	3386859209	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3091893721	3091893721	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔	

Test Step 2.85 (Repeat Count = 1)		✔
Name	**Input Value**	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
SystemTime_mS_T_u32	2360498250	
Voltage_Volts_T_u10p6	172	
k_LOIDetect_Volts_u10p6	0	
k_LOINotDetect_Volts_u10p6	0	
lowVoltageExtraCryteria_Cnt_T_lgc	1	
ntc	CustBattDiagNtc_E6	
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	57977	
target_lowerVoltage_volt_u10p6	29286	
target_lowerVoltage_volt_u10p6_2	14552	
target_lowerVoltage_volt_u10p6_2_3	2965	
target_lowerVoltage_volt_u10p6_2_3_4	42281	
target_lowerVoltage_volt_u10p6_2_3_4_5	12868	
target_lowerVoltage_volt_u10p6_2_3_4_5_6	55056	
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	15966	
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	12207	
target_lowerWindowThresh_Cnt_u16	43415	
target_lowerWindowThresh_Cnt_u16_2	57242	
target_lowerWindowThresh_Cnt_u16_2_3	29137	
target_lowerWindowThresh_Cnt_u16_2_3_4	38856	
target_lowerWindowThresh_Cnt_u16_2_3_4_5	9557	
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	21243	
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	36083	
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	43825	
target_upperVoltage_volt_u10p6	29286	
target_upperVoltage_volt_u10p6_2	14552	
target_upperVoltage_volt_u10p6_2_3	2965	
target_upperVoltage_volt_u10p6_2_3_4	42281	

Name	Input Value
target_upperVoltage_volt_u10p6_2_3_4_5	12868
target_upperVoltage_volt_u10p6_2_3_4_5_6	55056
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	15966
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	12207
target_upperWindowThresh_Cnt_u16	2163
target_upperWindowThresh_Cnt_u16_2	35890
target_upperWindowThresh_Cnt_u16_2_3	36031
target_upperWindowThresh_Cnt_u16_2_3_4	4213
target_upperWindowThresh_Cnt_u16_2_3_4_5	30746
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	1437
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	9602
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	36864

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2751979985	2751979985	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	1468511910	1468511910	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	1468581337	1468581337	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1468581337	1468581337	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2360498250	2360498250	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	1468511910	1468511910	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	1218049674	1218049674	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3686189422	3686189422	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3386859209	3386859209	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3091893721	3091893721	✔

Test Step Call Trace   ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.86 (Repeat Count = 1)   ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8

Name	Input Value
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	215674156
Voltage_Volts_T_u10p6	210
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E8
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	11921
target_lowerVoltage_volt_u10p6	51590
target_lowerVoltage_volt_u10p6_2	51412
target_lowerVoltage_volt_u10p6_2_3	15665
target_lowerVoltage_volt_u10p6_2_3_4	41507
target_lowerVoltage_volt_u10p6_2_3_4_5	44977
target_lowerVoltage_volt_u10p6_2_3_4_5_6	61333
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	58191
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	5031
target_lowerWindowThresh_Cnt_u16	21611
target_lowerWindowThresh_Cnt_u16_2	37720
target_lowerWindowThresh_Cnt_u16_2_3	44599
target_lowerWindowThresh_Cnt_u16_2_3_4	39178
target_lowerWindowThresh_Cnt_u16_2_3_4_5	2133
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	18040
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	3839
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	59650
target_upperVoltage_volt_u10p6	51590
target_upperVoltage_volt_u10p6_2	51412
target_upperVoltage_volt_u10p6_2_3	15665
target_upperVoltage_volt_u10p6_2_3_4	41507
target_upperVoltage_volt_u10p6_2_3_4_5	44977
target_upperVoltage_volt_u10p6_2_3_4_5_6	61333
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	58191
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	5031
target_upperWindowThresh_Cnt_u16	8811
target_upperWindowThresh_Cnt_u16_2	21591
target_upperWindowThresh_Cnt_u16_2_3	65509
target_upperWindowThresh_Cnt_u16_2_3_4	46619
target_upperWindowThresh_Cnt_u16_2_3_4_5	51504
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	59328
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	2281
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	17713

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2751979985	2751979985	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	1468511910	1468511910	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	1468581337	1468581337	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1468581337	1468581337	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2360498250	2360498250	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	1468511910	1468511910	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	1218049674	1218049674	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	215674156	215674156	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3091893721	3091893721	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.87 (Repeat Count = 1)		✔
Name	**Input Value**	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	

Name	Input Value
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	1360045420
Voltage_Volts_T_u10p6	797
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E9
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	48445
target_lowerVoltage_volt_u10p6	49504
target_lowerVoltage_volt_u10p6_2	31066
target_lowerVoltage_volt_u10p6_2_3	8274
target_lowerVoltage_volt_u10p6_2_3_4	48816
target_lowerVoltage_volt_u10p6_2_3_4_5	57043
target_lowerVoltage_volt_u10p6_2_3_4_5_6	34267
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	41681
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	20824
target_lowerWindowThresh_Cnt_u16	6004
target_lowerWindowThresh_Cnt_u16_2	33570
target_lowerWindowThresh_Cnt_u16_2_3	54970
target_lowerWindowThresh_Cnt_u16_2_3_4	49211
target_lowerWindowThresh_Cnt_u16_2_3_4_5	41973
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	5372
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	15850
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	48854
target_upperVoltage_volt_u10p6	49504
target_upperVoltage_volt_u10p6_2	31066
target_upperVoltage_volt_u10p6_2_3	8274
target_upperVoltage_volt_u10p6_2_3_4	48816
target_upperVoltage_volt_u10p6_2_3_4_5	57043
target_upperVoltage_volt_u10p6_2_3_4_5_6	34267
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	41681
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	20824
target_upperWindowThresh_Cnt_u16	60364
target_upperWindowThresh_Cnt_u16_2	35990
target_upperWindowThresh_Cnt_u16_2_3	21839
target_upperWindowThresh_Cnt_u16_2_3_4	20984
target_upperWindowThresh_Cnt_u16_2_3_4_5	19795
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	46577
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	50801
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	56723

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✔

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2751979985	2751979985	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	1468511910	1468511910	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	1468581337	1468581337	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1468581337	1468581337	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2360498250	2360498250	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	1468511910	1468511910	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	1218049674	1218049674	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	215674156	215674156	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1360045420	1360045420	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.88 (Repeat Count = 1)		✔
Name	**Input Value**	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
SystemTime_mS_T_u32	2789309430	
Voltage_Volts_T_u10p6	229	
k_LOIDetect_Volts_u10p6	0	
k_LOINotDetect_Volts_u10p6	0	
lowVoltageExtraCryteria_Cnt_T_lgc	0	
ntc	CustBattDiagNtc_E7	
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	36426	
target_lowerVoltage_volt_u10p6	35939	
target_lowerVoltage_volt_u10p6_2	58414	
target_lowerVoltage_volt_u10p6_2_3	2131	
target_lowerVoltage_volt_u10p6_2_3_4	32597	
target_lowerVoltage_volt_u10p6_2_3_4_5	11937	
target_lowerVoltage_volt_u10p6_2_3_4_5_6	61857	
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	64894	
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	31256	
target_lowerWindowThresh_Cnt_u16	59458	

Name	Input Value		
target_lowerWindowThresh_Cnt_u16_2	46504		
target_lowerWindowThresh_Cnt_u16_2_3	25558		
target_lowerWindowThresh_Cnt_u16_2_3_4	26205		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	32999		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	39254		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	27800		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	23400		
target_upperVoltage_volt_u10p6	35939		
target_upperVoltage_volt_u10p6_2	58414		
target_upperVoltage_volt_u10p6_2_3	2131		
target_upperVoltage_volt_u10p6_2_3_4	32597		
target_upperVoltage_volt_u10p6_2_3_4_5	11937		
target_upperVoltage_volt_u10p6_2_3_4_5_6	61857		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	64894		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	31256		
target_upperWindowThresh_Cnt_u16	41743		
target_upperWindowThresh_Cnt_u16_2	5837		
target_upperWindowThresh_Cnt_u16_2_3	13899		
target_upperWindowThresh_Cnt_u16_2_3_4	11487		
target_upperWindowThresh_Cnt_u16_2_3_4_5	27680		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	33168		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	5864		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	42334		

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2751979985	2751979985	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	1468511910	1468511910	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	1468581337	1468581337	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1468581337	1468581337	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2360498250	2360498250	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2789309430	2789309430	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2789309430	2789309430	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	215674156	215674156	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1360045420	1360045420	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.89 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6

Name	Input Value
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	3690017398
Voltage_Volts_T_u10p6	471
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E6
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0
target_lowerVoltage_volt_u10p6	13442
target_lowerVoltage_volt_u10p6_2	5788
target_lowerVoltage_volt_u10p6_2_3	18701
target_lowerVoltage_volt_u10p6_2_3_4	15674
target_lowerVoltage_volt_u10p6_2_3_4_5	34028
target_lowerVoltage_volt_u10p6_2_3_4_5_6	18026
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	9345
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	45745
target_lowerWindowThresh_Cnt_u16	56084
target_lowerWindowThresh_Cnt_u16_2	43277
target_lowerWindowThresh_Cnt_u16_2_3	61571
target_lowerWindowThresh_Cnt_u16_2_3_4	751
target_lowerWindowThresh_Cnt_u16_2_3_4_5	60929
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	51153
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	63173
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	7051
target_upperVoltage_volt_u10p6	13442
target_upperVoltage_volt_u10p6_2	5788
target_upperVoltage_volt_u10p6_2_3	18701
target_upperVoltage_volt_u10p6_2_3_4	15674
target_upperVoltage_volt_u10p6_2_3_4_5	34028
target_upperVoltage_volt_u10p6_2_3_4_5_6	18026
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	9345
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	45745
target_upperWindowThresh_Cnt_u16	39401
target_upperWindowThresh_Cnt_u16_2	39826
target_upperWindowThresh_Cnt_u16_2_3	20723
target_upperWindowThresh_Cnt_u16_2_3_4	18039
target_upperWindowThresh_Cnt_u16_2_3_4_5	55579
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	21069
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	56502
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	26725

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2751979985	2751979985	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	1468511910	1468511910	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	1468581337	1468581337	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1468581337	1468581337	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3690017398	3690017398	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2789309430	2789309430	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2789309430	2789309430	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	215674156	215674156	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1360045420	1360045420	✔

Test Step Call Trace   ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.90 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	233054632
Voltage_Volts_T_u10p6	30
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E9
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap	65535
target_lowerVoltage_volt_u10p6	27637
target_lowerVoltage_volt_u10p6_2	31225
target_lowerVoltage_volt_u10p6_2_3	56099
target_lowerVoltage_volt_u10p6_2_3_4	51231
target_lowerVoltage_volt_u10p6_2_3_4_5	9001
target_lowerVoltage_volt_u10p6_2_3_4_5_6	17545
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	45565
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	39890
target_lowerWindowThresh_Cnt_u16	5489
target_lowerWindowThresh_Cnt_u16_2	47635
target_lowerWindowThresh_Cnt_u16_2_3	33099
target_lowerWindowThresh_Cnt_u16_2_3_4	54883
target_lowerWindowThresh_Cnt_u16_2_3_4_5	26263
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	64164
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	46990
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	12545
target_upperVoltage_volt_u10p6	27637
target_upperVoltage_volt_u10p6_2	31225
target_upperVoltage_volt_u10p6_2_3	56099
target_upperVoltage_volt_u10p6_2_3_4	51231
target_upperVoltage_volt_u10p6_2_3_4_5	9001
target_upperVoltage_volt_u10p6_2_3_4_5_6	17545
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	45565
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	39890
target_upperWindowThresh_Cnt_u16	45654
target_upperWindowThresh_Cnt_u16_2	20201
target_upperWindowThresh_Cnt_u16_2_3	58
target_upperWindowThresh_Cnt_u16_2_3_4	4487
target_upperWindowThresh_Cnt_u16_2_3_4_5	12281
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	61087

Name	Input Value		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	41296		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	26456		

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2751979985	2751979985	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	1468511910	1468511910	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	1468581337	1468581337	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1468581337	1468581337	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3690017398	3690017398	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2789309430	2789309430	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2789309430	2789309430	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	215674156	215674156	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	233054632	233054632	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔	

Test Step 2.91 (Repeat Count = 1)		✔
Name	**Input Value**	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
SystemTime_mS_T_u32	3627867432	
Voltage_Volts_T_u10p6	951	
k_LOIDetect_Volts_u10p6	0	
k_LOINotDetect_Volts_u10p6	0	
lowVoltageExtraCryteria_Cnt_T_lgc	1	
ntc	CustBattDiagNtc_E2	
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	23501	
target_lowerVoltage_volt_u10p6	64482	

Name	Input Value
target_lowerVoltage_volt_u10p6_2	5166
target_lowerVoltage_volt_u10p6_2_3	49918
target_lowerVoltage_volt_u10p6_2_3_4	52304
target_lowerVoltage_volt_u10p6_2_3_4_5	26726
target_lowerVoltage_volt_u10p6_2_3_4_5_6	24743
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	42827
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	40053
target_lowerWindowThresh_Cnt_u16	4351
target_lowerWindowThresh_Cnt_u16_2	36978
target_lowerWindowThresh_Cnt_u16_2_3	36706
target_lowerWindowThresh_Cnt_u16_2_3_4	59774
target_lowerWindowThresh_Cnt_u16_2_3_4_5	60630
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	33570
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	34903
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	10353
target_upperVoltage_volt_u10p6	64482
target_upperVoltage_volt_u10p6_2	5166
target_upperVoltage_volt_u10p6_2_3	49918
target_upperVoltage_volt_u10p6_2_3_4	52304
target_upperVoltage_volt_u10p6_2_3_4_5	26726
target_upperVoltage_volt_u10p6_2_3_4_5_6	24743
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	42827
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	40053
target_upperWindowThresh_Cnt_u16	54154
target_upperWindowThresh_Cnt_u16_2	34332
target_upperWindowThresh_Cnt_u16_2_3	34946
target_upperWindowThresh_Cnt_u16_2_3_4	62145
target_upperWindowThresh_Cnt_u16_2_3_4_5	43610
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	34399
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	65196
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	53324

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2751979985	2751979985	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3627867432	3627867432	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	1468581337	1468581337	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1468581337	1468581337	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3690017398	3690017398	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2789309430	2789309430	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2789309430	2789309430	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	215674156	215674156	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	233054632	233054632	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.92 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4

Name	Input Value
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	3859604808
Voltage_Volts_T_u10p6	121
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E5
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	59020
target_lowerVoltage_volt_u10p6	0
target_lowerVoltage_volt_u10p6_2	46364
target_lowerVoltage_volt_u10p6_2_3	15421
target_lowerVoltage_volt_u10p6_2_3_4	40861
target_lowerVoltage_volt_u10p6_2_3_4_5	26986
target_lowerVoltage_volt_u10p6_2_3_4_5_6	41742
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	3302
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	4579
target_lowerWindowThresh_Cnt_u16	20936
target_lowerWindowThresh_Cnt_u16_2	21135
target_lowerWindowThresh_Cnt_u16_2_3	1771
target_lowerWindowThresh_Cnt_u16_2_3_4	61668
target_lowerWindowThresh_Cnt_u16_2_3_4_5	15860
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	7075
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	4191
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	58193
target_upperVoltage_volt_u10p6	63911
target_upperVoltage_volt_u10p6_2	46364
target_upperVoltage_volt_u10p6_2_3	15421
target_upperVoltage_volt_u10p6_2_3_4	40861
target_upperVoltage_volt_u10p6_2_3_4_5	26986
target_upperVoltage_volt_u10p6_2_3_4_5_6	41742
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	3302
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	4579
target_upperWindowThresh_Cnt_u16	28849
target_upperWindowThresh_Cnt_u16_2	30425
target_upperWindowThresh_Cnt_u16_2_3	6401
target_upperWindowThresh_Cnt_u16_2_3_4	42675
target_upperWindowThresh_Cnt_u16_2_3_4_5	5368
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	55159
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	35630
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	48509

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2751979985	2751979985	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3627867432	3627867432	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	3859604808	3859604808	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	3859604808	3859604808	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3690017398	3690017398	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2789309430	2789309430	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2789309430	2789309430	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	215674156	215674156	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	✔

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	233054632	233054632	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.93 (Repeat Count = 1)		✔
Name	**Input Value**	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
SystemTime_mS_T_u32	3168605224	
Voltage_Volts_T_u10p6	911	
k_LOIDetect_Volts_u10p6	0	
k_LOINotDetect_Volts_u10p6	0	
lowVoltageExtraCryteria_Cnt_T_lgc	1	
ntc	CustBattDiagNtc_E2	
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	49759	
target_lowerVoltage_volt_u10p6	65535	
target_lowerVoltage_volt_u10p6_2	6893	
target_lowerVoltage_volt_u10p6_2_3	23485	
target_lowerVoltage_volt_u10p6_2_3_4	24131	
target_lowerVoltage_volt_u10p6_2_3_4_5	20186	
target_lowerVoltage_volt_u10p6_2_3_4_5_6	44095	
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	44377	
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	11065	
target_lowerWindowThresh_Cnt_u16	25656	
target_lowerWindowThresh_Cnt_u16_2	19435	
target_lowerWindowThresh_Cnt_u16_2_3	10711	
target_lowerWindowThresh_Cnt_u16_2_3_4	12556	
target_lowerWindowThresh_Cnt_u16_2_3_4_5	49849	
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	15096	
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	24156	
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	57161	
target_upperVoltage_volt_u10p6	4207	
target_upperVoltage_volt_u10p6_2	6893	
target_upperVoltage_volt_u10p6_2_3	23485	
target_upperVoltage_volt_u10p6_2_3_4	24131	
target_upperVoltage_volt_u10p6_2_3_4_5	20186	

Name	Input Value
target_upperVoltage_volt_u10p6_2_3_4_5_6	44095
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	44377
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	11065
target_upperWindowThresh_Cnt_u16	34257
target_upperWindowThresh_Cnt_u16_2	3529
target_upperWindowThresh_Cnt_u16_2_3	47181
target_upperWindowThresh_Cnt_u16_2_3_4	57204
target_upperWindowThresh_Cnt_u16_2_3_4_5	31196
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	9915
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	29097
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	18772

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2751979985	2751979985	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3168605224	3168605224	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	3859604808	3859604808	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	3859604808	3859604808	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3690017398	3690017398	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2789309430	2789309430	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2789309430	2789309430	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	215674156	215674156	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	233054632	233054632	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.94 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8

Name	Input Value
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	3530899652
Voltage_Volts_T_u10p6	911
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E9
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	29646
target_lowerVoltage_volt_u10p6	54249
target_lowerVoltage_volt_u10p6_2	4422
target_lowerVoltage_volt_u10p6_2_3	61116
target_lowerVoltage_volt_u10p6_2_3_4	15993
target_lowerVoltage_volt_u10p6_2_3_4_5	22817
target_lowerVoltage_volt_u10p6_2_3_4_5_6	51640
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	17223
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	13479
target_lowerWindowThresh_Cnt_u16	31644
target_lowerWindowThresh_Cnt_u16_2	5567
target_lowerWindowThresh_Cnt_u16_2_3	34631
target_lowerWindowThresh_Cnt_u16_2_3_4	14460
target_lowerWindowThresh_Cnt_u16_2_3_4_5	35225
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	27481
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	33099
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	55779
target_upperVoltage_volt_u10p6	54249
target_upperVoltage_volt_u10p6_2	4422
target_upperVoltage_volt_u10p6_2_3	61116
target_upperVoltage_volt_u10p6_2_3_4	15993
target_upperVoltage_volt_u10p6_2_3_4_5	22817
target_upperVoltage_volt_u10p6_2_3_4_5_6	51640
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	17223
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	13479
target_upperWindowThresh_Cnt_u16	2348
target_upperWindowThresh_Cnt_u16_2	52202
target_upperWindowThresh_Cnt_u16_2_3	204
target_upperWindowThresh_Cnt_u16_2_3_4	9859
target_upperWindowThresh_Cnt_u16_2_3_4_5	34582
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	9737
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	41827
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	7807

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2751979985	2751979985	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3168605224	3168605224	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	3859604808	3859604808	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	3859604808	3859604808	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3690017398	3690017398	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2789309430	2789309430	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2789309430	2789309430	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	215674156	215674156	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3530899652	3530899652	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.95 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2

Name	Input Value
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	785120416
Voltage_Volts_T_u10p6	936
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E9
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	48570
target_lowerVoltage_volt_u10p6	6151
target_lowerVoltage_volt_u10p6_2	0
target_lowerVoltage_volt_u10p6_2_3	35096
target_lowerVoltage_volt_u10p6_2_3_4	41039
target_lowerVoltage_volt_u10p6_2_3_4_5	31940
target_lowerVoltage_volt_u10p6_2_3_4_5_6	61718
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	31976
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	51030
target_lowerWindowThresh_Cnt_u16	19972
target_lowerWindowThresh_Cnt_u16_2	21084
target_lowerWindowThresh_Cnt_u16_2_3	48472
target_lowerWindowThresh_Cnt_u16_2_3_4	23851
target_lowerWindowThresh_Cnt_u16_2_3_4_5	2330
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	7702
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	32717
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	709
target_upperVoltage_volt_u10p6	6151
target_upperVoltage_volt_u10p6_2	17236
target_upperVoltage_volt_u10p6_2_3	35096
target_upperVoltage_volt_u10p6_2_3_4	41039
target_upperVoltage_volt_u10p6_2_3_4_5	31940
target_upperVoltage_volt_u10p6_2_3_4_5_6	61718
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	31976
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	51030
target_upperWindowThresh_Cnt_u16	16643
target_upperWindowThresh_Cnt_u16_2	10338
target_upperWindowThresh_Cnt_u16_2_3	31288
target_upperWindowThresh_Cnt_u16_2_3_4	17305
target_upperWindowThresh_Cnt_u16_2_3_4_5	40224
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	1803
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	58912
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	26958

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2751979985	2751979985	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	✔

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3168605224	3168605224	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	3859604808	3859604808	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	3859604808	3859604808	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3690017398	3690017398	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2789309430	2789309430	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2789309430	2789309430	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	215674156	215674156	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	785120416	785120416	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔	

Test Step 2.96 (Repeat Count = 1)	✔
Name	**Input Value**
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	905485787
Voltage_Volts_T_u10p6	369
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	15730
target_lowerVoltage_volt_u10p6	17764
target_lowerVoltage_volt_u10p6_2	65535
target_lowerVoltage_volt_u10p6_2_3	24020
target_lowerVoltage_volt_u10p6_2_3_4	48162
target_lowerVoltage_volt_u10p6_2_3_4_5	11939
target_lowerVoltage_volt_u10p6_2_3_4_5_6	854
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	23793
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	14684
target_lowerWindowThresh_Cnt_u16	5655

Name	Input Value
target_lowerWindowThresh_Cnt_u16_2	4182
target_lowerWindowThresh_Cnt_u16_2_3	37322
target_lowerWindowThresh_Cnt_u16_2_3_4	6800
target_lowerWindowThresh_Cnt_u16_2_3_4_5	50005
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	21132
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	54083
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	17506
target_upperVoltage_volt_u10p6	17764
target_upperVoltage_volt_u10p6_2	21066
target_upperVoltage_volt_u10p6_2_3	24020
target_upperVoltage_volt_u10p6_2_3_4	48162
target_upperVoltage_volt_u10p6_2_3_4_5	11939
target_upperVoltage_volt_u10p6_2_3_4_5_6	854
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	23793
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	14684
target_upperWindowThresh_Cnt_u16	33866
target_upperWindowThresh_Cnt_u16_2	22718
target_upperWindowThresh_Cnt_u16_2_3	1965
target_upperWindowThresh_Cnt_u16_2_3_4	18443
target_upperWindowThresh_Cnt_u16_2_3_4_5	3508
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	31486
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	40465
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	31866

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	905485787	905485787	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3168605224	3168605224	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	3859604808	3859604808	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	3859604808	3859604808	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3690017398	3690017398	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2789309430	2789309430	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2789309430	2789309430	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	215674156	215674156	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	785120416	785120416	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔

Test Step 2.97 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6

Name	Input Value
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	2773961768
Voltage_Volts_T_u10p6	14
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E7
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	57228
target_lowerVoltage_volt_u10p6	54431
target_lowerVoltage_volt_u10p6_2	950
target_lowerVoltage_volt_u10p6_2_3	44288
target_lowerVoltage_volt_u10p6_2_3_4	17582
target_lowerVoltage_volt_u10p6_2_3_4_5	50501
target_lowerVoltage_volt_u10p6_2_3_4_5_6	24041
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	18670
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	30176
target_lowerWindowThresh_Cnt_u16	49658
target_lowerWindowThresh_Cnt_u16_2	11097
target_lowerWindowThresh_Cnt_u16_2_3	16824
target_lowerWindowThresh_Cnt_u16_2_3_4	715
target_lowerWindowThresh_Cnt_u16_2_3_4_5	4992
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	37725
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	25700
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	19023
target_upperVoltage_volt_u10p6	54431
target_upperVoltage_volt_u10p6_2	950
target_upperVoltage_volt_u10p6_2_3	44288
target_upperVoltage_volt_u10p6_2_3_4	17582
target_upperVoltage_volt_u10p6_2_3_4_5	50501
target_upperVoltage_volt_u10p6_2_3_4_5_6	24041
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	18670
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	30176
target_upperWindowThresh_Cnt_u16	18916
target_upperWindowThresh_Cnt_u16_2	50899
target_upperWindowThresh_Cnt_u16_2_3	61868
target_upperWindowThresh_Cnt_u16_2_3_4	24619
target_upperWindowThresh_Cnt_u16_2_3_4_5	42120
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	23426
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	62635
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	59685

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	905485787	905485787	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3168605224	3168605224	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	3859604808	3859604808	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	3859604808	3859604808	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3690017398	3690017398	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2789309430	2789309430	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2773961768	2773961768	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	215674156	215674156	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	785120416	785120416	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.98 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	2185517394
Voltage_Volts_T_u10p6	207
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E7
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	5107
target_lowerVoltage_volt_u10p6	25828
target_lowerVoltage_volt_u10p6_2	38505
target_lowerVoltage_volt_u10p6_2_3	0
target_lowerVoltage_volt_u10p6_2_3_4	32607
target_lowerVoltage_volt_u10p6_2_3_4_5	11437
target_lowerVoltage_volt_u10p6_2_3_4_5_6	1828
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	39144
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	1979
target_lowerWindowThresh_Cnt_u16	53867
target_lowerWindowThresh_Cnt_u16_2	50619
target_lowerWindowThresh_Cnt_u16_2_3	2925
target_lowerWindowThresh_Cnt_u16_2_3_4	61051
target_lowerWindowThresh_Cnt_u16_2_3_4_5	20851
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	53701
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	42141
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	6948
target_upperVoltage_volt_u10p6	25828
target_upperVoltage_volt_u10p6_2	38505
target_upperVoltage_volt_u10p6_2_3	19321
target_upperVoltage_volt_u10p6_2_3_4	32607
target_upperVoltage_volt_u10p6_2_3_4_5	11437

Name	Input Value
target_upperVoltage_volt_u10p6_2_3_4_5_6	1828
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	39144
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	1979
target_upperWindowThresh_Cnt_u16	44453
target_upperWindowThresh_Cnt_u16_2	7705
target_upperWindowThresh_Cnt_u16_2_3	10231
target_upperWindowThresh_Cnt_u16_2_3_4	57464
target_upperWindowThresh_Cnt_u16_2_3_4_5	13408
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	49127
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	10505
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	60588

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	905485787	905485787	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3168605224	3168605224	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	3859604808	3859604808	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	3859604808	3859604808	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3690017398	3690017398	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2185517394	2185517394	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2185517394	2185517394	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	215674156	215674156	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	785120416	785120416	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.99 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	905485787
Voltage_Volts_T_u10p6	369

Name	Input Value
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E7
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	16322
target_lowerVoltage_volt_u10p6	50607
target_lowerVoltage_volt_u10p6_2	38705
target_lowerVoltage_volt_u10p6_2_3	65535
target_lowerVoltage_volt_u10p6_2_3_4	18425
target_lowerVoltage_volt_u10p6_2_3_4_5	52671
target_lowerVoltage_volt_u10p6_2_3_4_5_6	43265
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	64909
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	60920
target_lowerWindowThresh_Cnt_u16	56508
target_lowerWindowThresh_Cnt_u16_2	31713
target_lowerWindowThresh_Cnt_u16_2_3	18746
target_lowerWindowThresh_Cnt_u16_2_3_4	52671
target_lowerWindowThresh_Cnt_u16_2_3_4_5	14412
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	38871
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	53193
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	60376
target_upperVoltage_volt_u10p6	50607
target_upperVoltage_volt_u10p6_2	38705
target_upperVoltage_volt_u10p6_2_3	39239
target_upperVoltage_volt_u10p6_2_3_4	18425
target_upperVoltage_volt_u10p6_2_3_4_5	52671
target_upperVoltage_volt_u10p6_2_3_4_5_6	43265
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	64909
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	60920
target_upperWindowThresh_Cnt_u16	64996
target_upperWindowThresh_Cnt_u16_2	50374
target_upperWindowThresh_Cnt_u16_2_3	6827
target_upperWindowThresh_Cnt_u16_2_3_4	57748
target_upperWindowThresh_Cnt_u16_2_3_4_5	2516
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	2188
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	24469
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	53385

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	905485787	905485787	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3168605224	3168605224	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	3859604808	3859604808	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	3859604808	3859604808	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3690017398	3690017398	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	905485787	905485787	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	905485787	905485787	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	215674156	215674156	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	785120416	785120416	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.100 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2

Name	Input Value
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	2773961768
Voltage_Volts_T_u10p6	14
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E8
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	10732
target_lowerVoltage_volt_u10p6	25564
target_lowerVoltage_volt_u10p6_2	14977
target_lowerVoltage_volt_u10p6_2_3	33954
target_lowerVoltage_volt_u10p6_2_3_4	35998
target_lowerVoltage_volt_u10p6_2_3_4_5	36248
target_lowerVoltage_volt_u10p6_2_3_4_5_6	23387
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	45198
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	7747
target_lowerWindowThresh_Cnt_u16	42717
target_lowerWindowThresh_Cnt_u16_2	23183
target_lowerWindowThresh_Cnt_u16_2_3	19070
target_lowerWindowThresh_Cnt_u16_2_3_4	34470
target_lowerWindowThresh_Cnt_u16_2_3_4_5	54268
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	42930
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	10058
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	1513
target_upperVoltage_volt_u10p6	25564
target_upperVoltage_volt_u10p6_2	14977
target_upperVoltage_volt_u10p6_2_3	33954
target_upperVoltage_volt_u10p6_2_3_4	35998
target_upperVoltage_volt_u10p6_2_3_4_5	36248
target_upperVoltage_volt_u10p6_2_3_4_5_6	23387
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	45198
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	7747
target_upperWindowThresh_Cnt_u16	45169
target_upperWindowThresh_Cnt_u16_2	52725
target_upperWindowThresh_Cnt_u16_2_3	29463
target_upperWindowThresh_Cnt_u16_2_3_4	6090
target_upperWindowThresh_Cnt_u16_2_3_4_5	51752
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	13023
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	64262
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	18996

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	905485787	905485787	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3168605224	3168605224	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	3859604808	3859604808	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	3859604808	3859604808	✔

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3690017398	3690017398	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	905485787	905485787	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	905485787	905485787	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2773961768	2773961768	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	785120416	785120416	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔	

Test Step 2.101 (Repeat Count = 1)		✔
Name	**Input Value**	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
SystemTime_mS_T_u32	2185517394	
Voltage_Volts_T_u10p6	207	
k_LOIDetect_Volts_u10p6	0	
k_LOINotDetect_Volts_u10p6	0	
lowVoltageExtraCryteria_Cnt_T_lgc	1	
ntc	CustBattDiagNtc_E9	
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap	29030	
target_lowerVoltage_volt_u10p6	52156	
target_lowerVoltage_volt_u10p6_2	63928	
target_lowerVoltage_volt_u10p6_2_3	58406	
target_lowerVoltage_volt_u10p6_2_3_4	0	
target_lowerVoltage_volt_u10p6_2_3_4_5	9695	
target_lowerVoltage_volt_u10p6_2_3_4_5_6	5307	
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	22223	
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	58345	
target_lowerWindowThresh_Cnt_u16	33017	
target_lowerWindowThresh_Cnt_u16_2	38306	
target_lowerWindowThresh_Cnt_u16_2_3	7007	
target_lowerWindowThresh_Cnt_u16_2_3_4	12838	
target_lowerWindowThresh_Cnt_u16_2_3_4_5	25201	

Name	Input Value
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	26865
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	23284
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	26776
target_upperVoltage_volt_u10p6	52156
target_upperVoltage_volt_u10p6_2	63928
target_upperVoltage_volt_u10p6_2_3	58406
target_upperVoltage_volt_u10p6_2_3_4	608
target_upperVoltage_volt_u10p6_2_3_4_5	9695
target_upperVoltage_volt_u10p6_2_3_4_5_6	5307
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	22223
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	58345
target_upperWindowThresh_Cnt_u16	17122
target_upperWindowThresh_Cnt_u16_2	34764
target_upperWindowThresh_Cnt_u16_2_3	6572
target_upperWindowThresh_Cnt_u16_2_3_4	17615
target_upperWindowThresh_Cnt_u16_2_3_4_5	62713
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	55547
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	13370
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	18176

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	905485787	905485787	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3168605224	3168605224	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	3859604808	3859604808	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	3859604808	3859604808	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3690017398	3690017398	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	905485787	905485787	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	905485787	905485787	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2773961768	2773961768	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	2185517394	2185517394	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.102 (Repeat Count = 1)		✔
Name	**Input Value**	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	

Name	Input Value
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	2773961768
Voltage_Volts_T_u10p6	14
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E9
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap	13615
target_lowerVoltage_volt_u10p6	48360
target_lowerVoltage_volt_u10p6_2	56922
target_lowerVoltage_volt_u10p6_2_3	26198
target_lowerVoltage_volt_u10p6_2_3_4	65535
target_lowerVoltage_volt_u10p6_2_3_4_5	36358
target_lowerVoltage_volt_u10p6_2_3_4_5_6	49719
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	26486
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	58354
target_lowerWindowThresh_Cnt_u16	7378
target_lowerWindowThresh_Cnt_u16_2	19840
target_lowerWindowThresh_Cnt_u16_2_3	52957
target_lowerWindowThresh_Cnt_u16_2_3_4	59975
target_lowerWindowThresh_Cnt_u16_2_3_4_5	34878
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	43855
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	29768
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	60680
target_upperVoltage_volt_u10p6	48360
target_upperVoltage_volt_u10p6_2	56922
target_upperVoltage_volt_u10p6_2_3	26198
target_upperVoltage_volt_u10p6_2_3_4	46113
target_upperVoltage_volt_u10p6_2_3_4_5	36358
target_upperVoltage_volt_u10p6_2_3_4_5_6	49719
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	26486
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	58354
target_upperWindowThresh_Cnt_u16	64773
target_upperWindowThresh_Cnt_u16_2	13372
target_upperWindowThresh_Cnt_u16_2_3	27712
target_upperWindowThresh_Cnt_u16_2_3_4	57572
target_upperWindowThresh_Cnt_u16_2_3_4_5	36316
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	62666
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	35266
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	34561

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	905485787	905485787	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3168605224	3168605224	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	3859604808	3859604808	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	3859604808	3859604808	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3690017398	3690017398	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	905485787	905485787	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	905485787	905485787	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2773961768	2773961768	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2773961768	2773961768	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	2773961768	2773961768	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.103 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	2185517394
Voltage_Volts_T_u10p6	207
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E2
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	22213
target_lowerVoltage_volt_u10p6	12077
target_lowerVoltage_volt_u10p6_2	65417
target_lowerVoltage_volt_u10p6_2_3	15478
target_lowerVoltage_volt_u10p6_2_3_4	17269
target_lowerVoltage_volt_u10p6_2_3_4_5	41706
target_lowerVoltage_volt_u10p6_2_3_4_5_6	59136
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	41022
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	59949
target_lowerWindowThresh_Cnt_u16	2066
target_lowerWindowThresh_Cnt_u16_2	62369
target_lowerWindowThresh_Cnt_u16_2_3	49112
target_lowerWindowThresh_Cnt_u16_2_3_4	114
target_lowerWindowThresh_Cnt_u16_2_3_4_5	960
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	47698
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	14971
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	1030
target_upperVoltage_volt_u10p6	12077
target_upperVoltage_volt_u10p6_2	65417
target_upperVoltage_volt_u10p6_2_3	15478
target_upperVoltage_volt_u10p6_2_3_4	17269
target_upperVoltage_volt_u10p6_2_3_4_5	41706
target_upperVoltage_volt_u10p6_2_3_4_5_6	59136
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	41022
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	59949
target_upperWindowThresh_Cnt_u16	42839
target_upperWindowThresh_Cnt_u16_2	5761
target_upperWindowThresh_Cnt_u16_2_3	54296
target_upperWindowThresh_Cnt_u16_2_3_4	47138
target_upperWindowThresh_Cnt_u16_2_3_4_5	17088
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	34844
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	36346

Name	Input Value		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	3246		

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✓
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✓
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✓
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	905485787	905485787	✓
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2185517394	2185517394	✓
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2185517394	2185517394	✓
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	3859604808	3859604808	✓
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	3859604808	3859604808	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	✓
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3690017398	3690017398	✓
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	905485787	905485787	✓
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	905485787	905485787	✓
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	✓
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2773961768	2773961768	✓
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2773961768	2773961768	✓
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	2773961768	2773961768	✓

Test Step Call Trace					✓
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16		2	✓

Test Step 2.104 (Repeat Count = 1)		✓
Name	**Input Value**	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
SystemTime_mS_T_u32	3530899652	
Voltage_Volts_T_u10p6	911	
k_LOIDetect_Volts_u10p6	0	
k_LOINotDetect_Volts_u10p6	0	
lowVoltageExtraCryteria_Cnt_T_lgc	0	
ntc	CustBattDiagNtc_E6	
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	12437	
target_lowerVoltage_volt_u10p6	44080	
target_lowerVoltage_volt_u10p6_2	57313	
target_lowerVoltage_volt_u10p6_2_3	60255	
target_lowerVoltage_volt_u10p6_2_3_4	57939	
target_lowerVoltage_volt_u10p6_2_3_4_5	0	

Name	Input Value
target_lowerVoltage_volt_u10p6_2_3_4_5_6	17645
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	4421
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	23673
target_lowerWindowThresh_Cnt_u16	63216
target_lowerWindowThresh_Cnt_u16_2	21262
target_lowerWindowThresh_Cnt_u16_2_3	58280
target_lowerWindowThresh_Cnt_u16_2_3_4	48612
target_lowerWindowThresh_Cnt_u16_2_3_4_5	45094
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	15921
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	50664
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	60039
target_upperVoltage_volt_u10p6	44080
target_upperVoltage_volt_u10p6_2	57313
target_upperVoltage_volt_u10p6_2_3	60255
target_upperVoltage_volt_u10p6_2_3_4	57939
target_upperVoltage_volt_u10p6_2_3_4_5	42535
target_upperVoltage_volt_u10p6_2_3_4_5_6	17645
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	4421
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	23673
target_upperWindowThresh_Cnt_u16	33222
target_upperWindowThresh_Cnt_u16_2	22855
target_upperWindowThresh_Cnt_u16_2_3	22082
target_upperWindowThresh_Cnt_u16_2_3_4	576
target_upperWindowThresh_Cnt_u16_2_3_4_5	2277
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	43186
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	36158
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	38181

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	905485787	905485787	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2185517394	2185517394	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2185517394	2185517394	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	3859604808	3859604808	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	3859604808	3859604808	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3530899652	3530899652	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3530899652	3530899652	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	905485787	905485787	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	905485787	905485787	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2773961768	2773961768	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2773961768	2773961768	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	2773961768	2773961768	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.105 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5

Name	Input Value
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	3386859209
Voltage_Volts_T_u10p6	936
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	42468
target_lowerVoltage_volt_u10p6	13239
target_lowerVoltage_volt_u10p6_2	44258
target_lowerVoltage_volt_u10p6_2_3	65058
target_lowerVoltage_volt_u10p6_2_3_4	28598
target_lowerVoltage_volt_u10p6_2_3_4_5	65535
target_lowerVoltage_volt_u10p6_2_3_4_5_6	61418
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	14124
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	904
target_lowerWindowThresh_Cnt_u16	36475
target_lowerWindowThresh_Cnt_u16_2	65075
target_lowerWindowThresh_Cnt_u16_2_3	3429
target_lowerWindowThresh_Cnt_u16_2_3_4	38909
target_lowerWindowThresh_Cnt_u16_2_3_4_5	5377
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	56154
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	38068
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	64082
target_upperVoltage_volt_u10p6	13239
target_upperVoltage_volt_u10p6_2	44258
target_upperVoltage_volt_u10p6_2_3	65058
target_upperVoltage_volt_u10p6_2_3_4	28598
target_upperVoltage_volt_u10p6_2_3_4_5	14041
target_upperVoltage_volt_u10p6_2_3_4_5_6	61418
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	14124
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	904
target_upperWindowThresh_Cnt_u16	48753
target_upperWindowThresh_Cnt_u16_2	12556
target_upperWindowThresh_Cnt_u16_2_3	4940
target_upperWindowThresh_Cnt_u16_2_3_4	60948
target_upperWindowThresh_Cnt_u16_2_3_4_5	37826
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	4133
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	23271
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	43557

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	3386859209	3386859209	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2185517394	2185517394	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2185517394	2185517394	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	3859604808	3859604808	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	3859604808	3859604808	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3530899652	3530899652	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3530899652	3530899652	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	905485787	905485787	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	905485787	905485787	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2773961768	2773961768	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2773961768	2773961768	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	2773961768	2773961768	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.106 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	1468581337
Voltage_Volts_T_u10p6	369
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E9
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	36140
target_lowerVoltage_volt_u10p6	12897
target_lowerVoltage_volt_u10p6_2	3735
target_lowerVoltage_volt_u10p6_2_3	53802
target_lowerVoltage_volt_u10p6_2_3_4	43254
target_lowerVoltage_volt_u10p6_2_3_4_5	27792
target_lowerVoltage_volt_u10p6_2_3_4_5_6	58862
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	47748
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	13310
target_lowerWindowThresh_Cnt_u16	6219
target_lowerWindowThresh_Cnt_u16_2	5490
target_lowerWindowThresh_Cnt_u16_2_3	4400
target_lowerWindowThresh_Cnt_u16_2_3_4	39924
target_lowerWindowThresh_Cnt_u16_2_3_4_5	62762
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	43602
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	37489
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	7818
target_upperVoltage_volt_u10p6	12897
target_upperVoltage_volt_u10p6_2	3735
target_upperVoltage_volt_u10p6_2_3	53802
target_upperVoltage_volt_u10p6_2_3_4	43254
target_upperVoltage_volt_u10p6_2_3_4_5	27792
target_upperVoltage_volt_u10p6_2_3_4_5_6	58862
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	47748

Name	Input Value		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	13310		
target_upperWindowThresh_Cnt_u16	53047		
target_upperWindowThresh_Cnt_u16_2	64364		
target_upperWindowThresh_Cnt_u16_2_3	40991		
target_upperWindowThresh_Cnt_u16_2_3_4	31744		
target_upperWindowThresh_Cnt_u16_2_3_4_5	61439		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	35935		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	17429		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	21753		

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✓
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✓
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✓
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	3386859209	3386859209	✓
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2185517394	2185517394	✓
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2185517394	2185517394	✓
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	3859604808	3859604808	✓
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	3859604808	3859604808	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3530899652	3530899652	✓
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3530899652	3530899652	✓
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	905485787	905485787	✓
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	905485787	905485787	✓
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	✓
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2773961768	2773961768	✓
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	1468581337	1468581337	✓
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1468581337	1468581337	✓

Test Step Call Trace					✓
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16		1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus		1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16		1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus		1	✓

Test Step 2.107 (Repeat Count = 1)		✓
Name	**Input Value**	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
SystemTime_mS_T_u32	1218049674	

Name	Input Value
Voltage_Volts_T_u10p6	14
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E9
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	12437
target_lowerVoltage_volt_u10p6	44080
target_lowerVoltage_volt_u10p6_2	57313
target_lowerVoltage_volt_u10p6_2_3	60255
target_lowerVoltage_volt_u10p6_2_3_4	57939
target_lowerVoltage_volt_u10p6_2_3_4_5	42535
target_lowerVoltage_volt_u10p6_2_3_4_5_6	0
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	4421
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	23673
target_lowerWindowThresh_Cnt_u16	63216
target_lowerWindowThresh_Cnt_u16_2	21262
target_lowerWindowThresh_Cnt_u16_2_3	58280
target_lowerWindowThresh_Cnt_u16_2_3_4	48612
target_lowerWindowThresh_Cnt_u16_2_3_4_5	45094
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	15921
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	50664
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	60039
target_upperVoltage_volt_u10p6	44080
target_upperVoltage_volt_u10p6_2	57313
target_upperVoltage_volt_u10p6_2_3	60255
target_upperVoltage_volt_u10p6_2_3_4	57939
target_upperVoltage_volt_u10p6_2_3_4_5	42535
target_upperVoltage_volt_u10p6_2_3_4_5_6	17645
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	4421
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	23673
target_upperWindowThresh_Cnt_u16	33222
target_upperWindowThresh_Cnt_u16_2	22855
target_upperWindowThresh_Cnt_u16_2_3	22082
target_upperWindowThresh_Cnt_u16_2_3_4	576
target_upperWindowThresh_Cnt_u16_2_3_4_5	2277
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	43186
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	36158
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	38181

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	3386859209	3386859209	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2185517394	2185517394	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2185517394	2185517394	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	3859604808	3859604808	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	3859604808	3859604808	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3530899652	3530899652	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3530899652	3530899652	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	905485787	905485787	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	905485787	905485787	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2773961768	2773961768	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	1468581337	1468581337	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1218049674	1218049674	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.108 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2

Name	Input Value
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	3168605224
Voltage_Volts_T_u10p6	207
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E8
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	42468
target_lowerVoltage_volt_u10p6	13239
target_lowerVoltage_volt_u10p6_2	44258
target_lowerVoltage_volt_u10p6_2_3	65058
target_lowerVoltage_volt_u10p6_2_3_4	28598
target_lowerVoltage_volt_u10p6_2_3_4_5	14041
target_lowerVoltage_volt_u10p6_2_3_4_5_6	65535
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	14124
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	904
target_lowerWindowThresh_Cnt_u16	36475
target_lowerWindowThresh_Cnt_u16_2	65075
target_lowerWindowThresh_Cnt_u16_2_3	3429
target_lowerWindowThresh_Cnt_u16_2_3_4	38909
target_lowerWindowThresh_Cnt_u16_2_3_4_5	5377
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	56154
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	38068
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	64082
target_upperVoltage_volt_u10p6	13239
target_upperVoltage_volt_u10p6_2	44258
target_upperVoltage_volt_u10p6_2_3	65058
target_upperVoltage_volt_u10p6_2_3_4	28598
target_upperVoltage_volt_u10p6_2_3_4_5	14041
target_upperVoltage_volt_u10p6_2_3_4_5_6	61418
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	14124
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	904
target_upperWindowThresh_Cnt_u16	48753
target_upperWindowThresh_Cnt_u16_2	12556
target_upperWindowThresh_Cnt_u16_2_3	4940
target_upperWindowThresh_Cnt_u16_2_3_4	60948
target_upperWindowThresh_Cnt_u16_2_3_4_5	37826
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	4133
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	23271
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	43557

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	3386859209	3386859209	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2185517394	2185517394	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2185517394	2185517394	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	3859604808	3859604808	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	3859604808	3859604808	✔

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3530899652	3530899652	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3530899652	3530899652	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	905485787	905485787	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	905485787	905485787	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3168605224	3168605224	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	1468581337	1468581337	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1218049674	1218049674	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔	

Test Step 2.109 (Repeat Count = 1)		✔
Name	**Input Value**	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
SystemTime_mS_T_u32	3530899652	
Voltage_Volts_T_u10p6	369	
k_LOIDetect_Volts_u10p6	0	
k_LOINotDetect_Volts_u10p6	0	
lowVoltageExtraCryteria_Cnt_T_lgc	1	
ntc	CustBattDiagNtc_E1	
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	36140	
target_lowerVoltage_volt_u10p6	12897	
target_lowerVoltage_volt_u10p6_2	3735	
target_lowerVoltage_volt_u10p6_2_3	53802	
target_lowerVoltage_volt_u10p6_2_3_4	43254	
target_lowerVoltage_volt_u10p6_2_3_4_5	27792	
target_lowerVoltage_volt_u10p6_2_3_4_5_6	58862	
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	47748	
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	13310	
target_lowerWindowThresh_Cnt_u16	6219	
target_lowerWindowThresh_Cnt_u16_2	5490	
target_lowerWindowThresh_Cnt_u16_2_3	4400	
target_lowerWindowThresh_Cnt_u16_2_3_4	39924	

Name	Input Value
target_lowerWindowThresh_Cnt_u16_2_3_4_5	62762
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	43602
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	37489
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	7818
target_upperVoltage_volt_u10p6	12897
target_upperVoltage_volt_u10p6_2	3735
target_upperVoltage_volt_u10p6_2_3	53802
target_upperVoltage_volt_u10p6_2_3_4	43254
target_upperVoltage_volt_u10p6_2_3_4_5	27792
target_upperVoltage_volt_u10p6_2_3_4_5_6	58862
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	47748
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	13310
target_upperWindowThresh_Cnt_u16	53047
target_upperWindowThresh_Cnt_u16_2	64364
target_upperWindowThresh_Cnt_u16_2_3	40991
target_upperWindowThresh_Cnt_u16_2_3_4	31744
target_upperWindowThresh_Cnt_u16_2_3_4_5	61439
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	35935
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	17429
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	21753

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	3530899652	3530899652	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2185517394	2185517394	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2185517394	2185517394	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	3859604808	3859604808	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	3859604808	3859604808	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3530899652	3530899652	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3530899652	3530899652	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	905485787	905485787	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	905485787	905485787	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3168605224	3168605224	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	1468581337	1468581337	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1218049674	1218049674	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔

Test Step 2.110 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6

Name	Input Value
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	785120416
Voltage_Volts_T_u10p6	14
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E9
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap	42468
target_lowerVoltage_volt_u10p6	13239
target_lowerVoltage_volt_u10p6_2	44258
target_lowerVoltage_volt_u10p6_2_3	65058
target_lowerVoltage_volt_u10p6_2_3_4	28598
target_lowerVoltage_volt_u10p6_2_3_4_5	14041
target_lowerVoltage_volt_u10p6_2_3_4_5_6	61418
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	0
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	904
target_lowerWindowThresh_Cnt_u16	36475
target_lowerWindowThresh_Cnt_u16_2	65075
target_lowerWindowThresh_Cnt_u16_2_3	3429
target_lowerWindowThresh_Cnt_u16_2_3_4	38909
target_lowerWindowThresh_Cnt_u16_2_3_4_5	5377
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	56154
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	38068
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	64082
target_upperVoltage_volt_u10p6	13239
target_upperVoltage_volt_u10p6_2	44258
target_upperVoltage_volt_u10p6_2_3	65058
target_upperVoltage_volt_u10p6_2_3_4	28598
target_upperVoltage_volt_u10p6_2_3_4_5	14041
target_upperVoltage_volt_u10p6_2_3_4_5_6	61418
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	14124
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	904
target_upperWindowThresh_Cnt_u16	48753
target_upperWindowThresh_Cnt_u16_2	12556
target_upperWindowThresh_Cnt_u16_2_3	4940
target_upperWindowThresh_Cnt_u16_2_3_4	60948
target_upperWindowThresh_Cnt_u16_2_3_4_5	37826
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	4133
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	23271
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	43557

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	3530899652	3530899652	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2185517394	2185517394	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2185517394	2185517394	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	3859604808	3859604808	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	3859604808	3859604808	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3530899652	3530899652	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3530899652	3530899652	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	905485787	905485787	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	905485787	905485787	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3168605224	3168605224	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	1468581337	1468581337	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	785120416	785120416	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.111 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	905485787
Voltage_Volts_T_u10p6	207
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E7
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	36140
target_lowerVoltage_volt_u10p6	12897
target_lowerVoltage_volt_u10p6_2	3735
target_lowerVoltage_volt_u10p6_2_3	53802
target_lowerVoltage_volt_u10p6_2_3_4	43254
target_lowerVoltage_volt_u10p6_2_3_4_5	27792
target_lowerVoltage_volt_u10p6_2_3_4_5_6	58862
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	65535
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	13310
target_lowerWindowThresh_Cnt_u16	6219
target_lowerWindowThresh_Cnt_u16_2	5490
target_lowerWindowThresh_Cnt_u16_2_3	4400
target_lowerWindowThresh_Cnt_u16_2_3_4	39924
target_lowerWindowThresh_Cnt_u16_2_3_4_5	62762
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	43602
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	37489
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	7818
target_upperVoltage_volt_u10p6	12897
target_upperVoltage_volt_u10p6_2	3735
target_upperVoltage_volt_u10p6_2_3	53802
target_upperVoltage_volt_u10p6_2_3_4	43254
target_upperVoltage_volt_u10p6_2_3_4_5	27792
target_upperVoltage_volt_u10p6_2_3_4_5_6	58862
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	47748
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	13310
target_upperWindowThresh_Cnt_u16	53047
target_upperWindowThresh_Cnt_u16_2	64364
target_upperWindowThresh_Cnt_u16_2_3	40991
target_upperWindowThresh_Cnt_u16_2_3_4	31744
target_upperWindowThresh_Cnt_u16_2_3_4_5	61439
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	35935
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	17429

Name	Input Value		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	21753		

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	3530899652	3530899652	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2185517394	2185517394	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2185517394	2185517394	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	3859604808	3859604808	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	3859604808	3859604808	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3530899652	3530899652	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3530899652	3530899652	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	905485787	905485787	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	905485787	905485787	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3168605224	3168605224	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	1468581337	1468581337	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	785120416	785120416	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.112 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	2773961768
Voltage_Volts_T_u10p6	14
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	13615
target_lowerVoltage_volt_u10p6	48360
target_lowerVoltage_volt_u10p6_2	56922
target_lowerVoltage_volt_u10p6_2_3	26198
target_lowerVoltage_volt_u10p6_2_3_4	65535

Name	Input Value
target_lowerVoltage_volt_u10p6_2_3_4_5	36358
target_lowerVoltage_volt_u10p6_2_3_4_5_6	49719
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	26486
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	58354
target_lowerWindowThresh_Cnt_u16	7378
target_lowerWindowThresh_Cnt_u16_2	19840
target_lowerWindowThresh_Cnt_u16_2_3	52957
target_lowerWindowThresh_Cnt_u16_2_3_4	59975
target_lowerWindowThresh_Cnt_u16_2_3_4_5	34878
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	43855
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	29768
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	60680
target_upperVoltage_volt_u10p6	48360
target_upperVoltage_volt_u10p6_2	56922
target_upperVoltage_volt_u10p6_2_3	26198
target_upperVoltage_volt_u10p6_2_3_4	46113
target_upperVoltage_volt_u10p6_2_3_4_5	36358
target_upperVoltage_volt_u10p6_2_3_4_5_6	49719
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	26486
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	58354
target_upperWindowThresh_Cnt_u16	64773
target_upperWindowThresh_Cnt_u16_2	13372
target_upperWindowThresh_Cnt_u16_2_3	27712
target_upperWindowThresh_Cnt_u16_2_3_4	57572
target_upperWindowThresh_Cnt_u16_2_3_4_5	36316
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	62666
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	35266
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	34561

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2773961768	2773961768	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2185517394	2185517394	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2185517394	2185517394	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	3859604808	3859604808	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	3859604808	3859604808	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3530899652	3530899652	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3530899652	3530899652	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	905485787	905485787	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	905485787	905485787	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3168605224	3168605224	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	1468581337	1468581337	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	785120416	785120416	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.113 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5

Name	Input Value
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	2185517394
Voltage_Volts_T_u10p6	30
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0
target_lowerVoltage_volt_u10p6	13442
target_lowerVoltage_volt_u10p6_2	5788
target_lowerVoltage_volt_u10p6_2_3	18701
target_lowerVoltage_volt_u10p6_2_3_4	15674
target_lowerVoltage_volt_u10p6_2_3_4_5	34028
target_lowerVoltage_volt_u10p6_2_3_4_5_6	18026
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	9345
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	0
target_lowerWindowThresh_Cnt_u16	56084
target_lowerWindowThresh_Cnt_u16_2	43277
target_lowerWindowThresh_Cnt_u16_2_3	61571
target_lowerWindowThresh_Cnt_u16_2_3_4	751
target_lowerWindowThresh_Cnt_u16_2_3_4_5	60929
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	51153
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	63173
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	7051
target_upperVoltage_volt_u10p6	13442
target_upperVoltage_volt_u10p6_2	5788
target_upperVoltage_volt_u10p6_2_3	18701
target_upperVoltage_volt_u10p6_2_3_4	15674
target_upperVoltage_volt_u10p6_2_3_4_5	34028
target_upperVoltage_volt_u10p6_2_3_4_5_6	18026
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	9345
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	45745
target_upperWindowThresh_Cnt_u16	39401
target_upperWindowThresh_Cnt_u16_2	39826
target_upperWindowThresh_Cnt_u16_2_3	20723
target_upperWindowThresh_Cnt_u16_2_3_4	18039
target_upperWindowThresh_Cnt_u16_2_3_4_5	55579
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	21069
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	56502
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	26725

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2185517394	2185517394	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2185517394	2185517394	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2185517394	2185517394	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2185517394	2185517394	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	3859604808	3859604808	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	3859604808	3859604808	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3530899652	3530899652	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3530899652	3530899652	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	905485787	905485787	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	905485787	905485787	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3168605224	3168605224	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	1468581337	1468581337	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	785120416	785120416	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.114 (Repeat Count = 1) ✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	905485787
Voltage_Volts_T_u10p6	951
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E0
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	65535
target_lowerVoltage_volt_u10p6	27637
target_lowerVoltage_volt_u10p6_2	31225
target_lowerVoltage_volt_u10p6_2_3	56099
target_lowerVoltage_volt_u10p6_2_3_4	51231
target_lowerVoltage_volt_u10p6_2_3_4_5	9001
target_lowerVoltage_volt_u10p6_2_3_4_5_6	17545
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	45565
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	65535
target_lowerWindowThresh_Cnt_u16	5489
target_lowerWindowThresh_Cnt_u16_2	47635
target_lowerWindowThresh_Cnt_u16_2_3	33099
target_lowerWindowThresh_Cnt_u16_2_3_4	54883
target_lowerWindowThresh_Cnt_u16_2_3_4_5	26263
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	64164
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	46990
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	12545
target_upperVoltage_volt_u10p6	27637
target_upperVoltage_volt_u10p6_2	31225
target_upperVoltage_volt_u10p6_2_3	56099
target_upperVoltage_volt_u10p6_2_3_4	51231
target_upperVoltage_volt_u10p6_2_3_4_5	9001
target_upperVoltage_volt_u10p6_2_3_4_5_6	17545
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	45565
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	39890

Name	Input Value
target_upperWindowThresh_Cnt_u16	45654
target_upperWindowThresh_Cnt_u16_2	20201
target_upperWindowThresh_Cnt_u16_2_3	58
target_upperWindowThresh_Cnt_u16_2_3_4	4487
target_upperWindowThresh_Cnt_u16_2_3_4_5	12281
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	61087
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	41296
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	26456

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	905485787	905485787	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	905485787	905485787	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2185517394	2185517394	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2185517394	2185517394	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2185517394	2185517394	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2185517394	2185517394	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	3859604808	3859604808	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	3859604808	3859604808	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3530899652	3530899652	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3530899652	3530899652	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	905485787	905485787	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	905485787	905485787	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3168605224	3168605224	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	1468581337	1468581337	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	785120416	785120416	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✔

Test Step 2.115 (Repeat Count = 1)	✔

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWithWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	2773961768
Voltage_Volts_T_u10p6	121

Name	Input Value
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E6
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	23501
target_lowerVoltage_volt_u10p6	64482
target_lowerVoltage_volt_u10p6_2	5166
target_lowerVoltage_volt_u10p6_2_3	49918
target_lowerVoltage_volt_u10p6_2_3_4	52304
target_lowerVoltage_volt_u10p6_2_3_4_5	26726
target_lowerVoltage_volt_u10p6_2_3_4_5_6	24743
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	42827
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	40053
target_lowerWindowThresh_Cnt_u16	4351
target_lowerWindowThresh_Cnt_u16_2	36978
target_lowerWindowThresh_Cnt_u16_2_3	36706
target_lowerWindowThresh_Cnt_u16_2_3_4	59774
target_lowerWindowThresh_Cnt_u16_2_3_4_5	60630
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	33570
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	34903
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	10353
target_upperVoltage_volt_u10p6	64482
target_upperVoltage_volt_u10p6_2	5166
target_upperVoltage_volt_u10p6_2_3	49918
target_upperVoltage_volt_u10p6_2_3_4	52304
target_upperVoltage_volt_u10p6_2_3_4_5	26726
target_upperVoltage_volt_u10p6_2_3_4_5_6	24743
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	42827
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	40053
target_upperWindowThresh_Cnt_u16	54154
target_upperWindowThresh_Cnt_u16_2	34332
target_upperWindowThresh_Cnt_u16_2_3	34946
target_upperWindowThresh_Cnt_u16_2_3_4	62145
target_upperWindowThresh_Cnt_u16_2_3_4_5	43610
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	34399
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	65196
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	53324

Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	905485787	905485787	✔
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	905485787	905485787	✔
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2185517394	2185517394	✔
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2185517394	2185517394	✔
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2185517394	2185517394	✔
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2185517394	2185517394	✔
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	3859604808	3859604808	✔
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	3859604808	3859604808	✔
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	2773961768	2773961768	✔
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2773961768	2773961768	✔
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	905485787	905485787	✔
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	905485787	905485787	✔
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	✔
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3168605224	3168605224	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	1468581337	1468581337	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	785120416	785120416	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✔