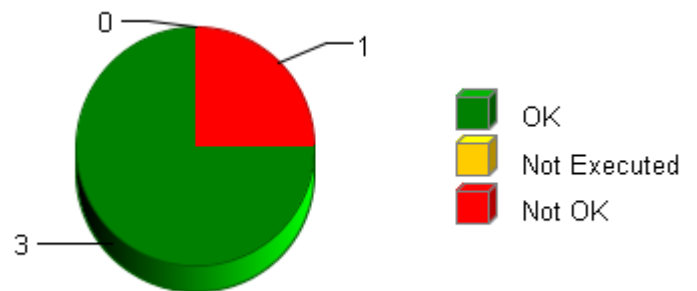


Summary

Total Test Objects:	4
Successful:	3
Failed:	1
Not Executed:	0
Date:	2018-05-17
Time:	14:49:16+0530

Overall Test Object Results (including Coverage)



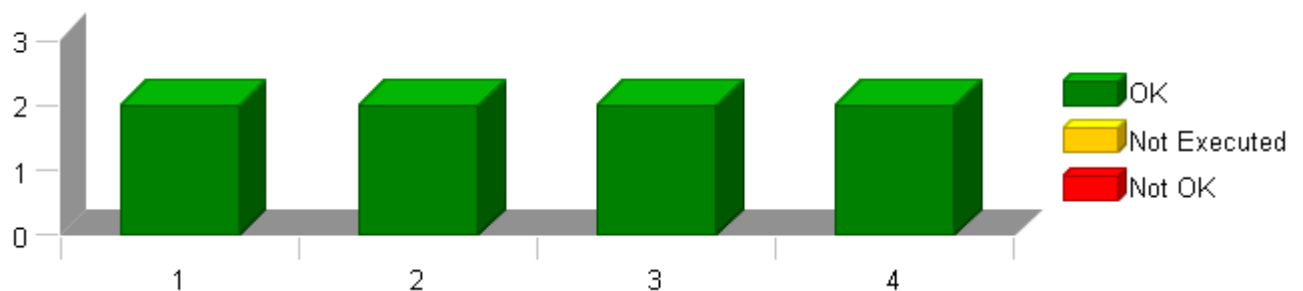
Selected Project Items

Test Collection "CBD_Unit_Test"

Used Test Environments

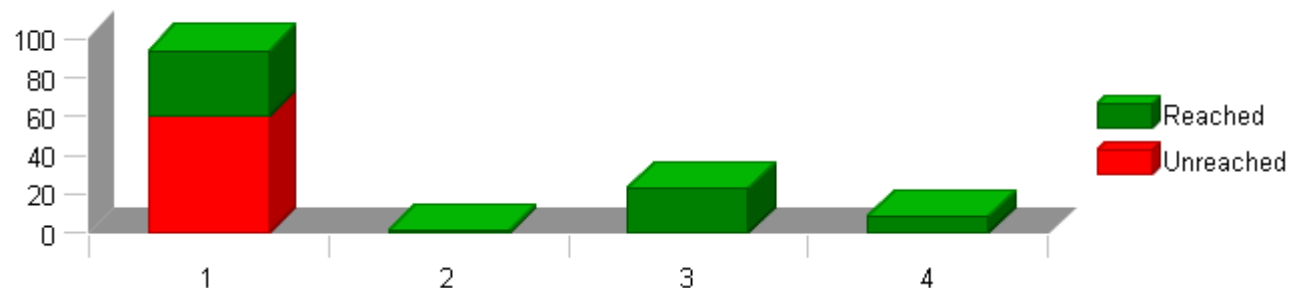
TI TMS 570 PLS UDE (Default)

Test Case Results for Each Test Object (without Coverage)



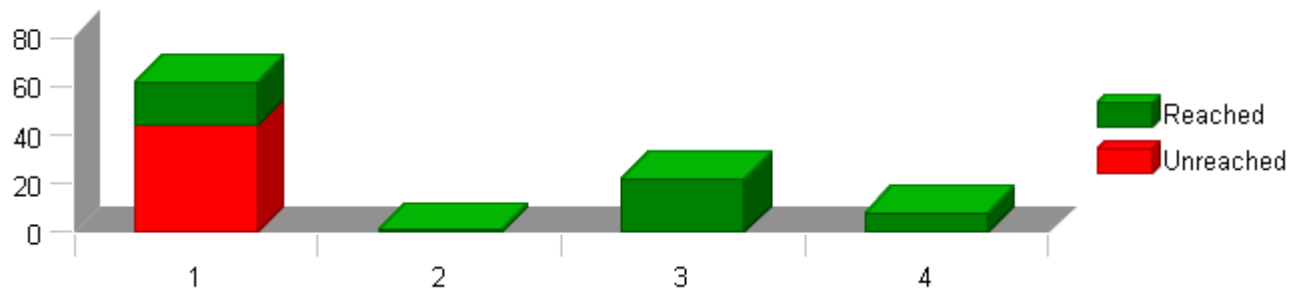
The table above shows each test object on the x axis and the number of test cases of the respective test object on the y axis. Each bar is divided into passed, not executed and failed test cases. The test case results do not take into account any coverage result (i.e. if all test cases of a test object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



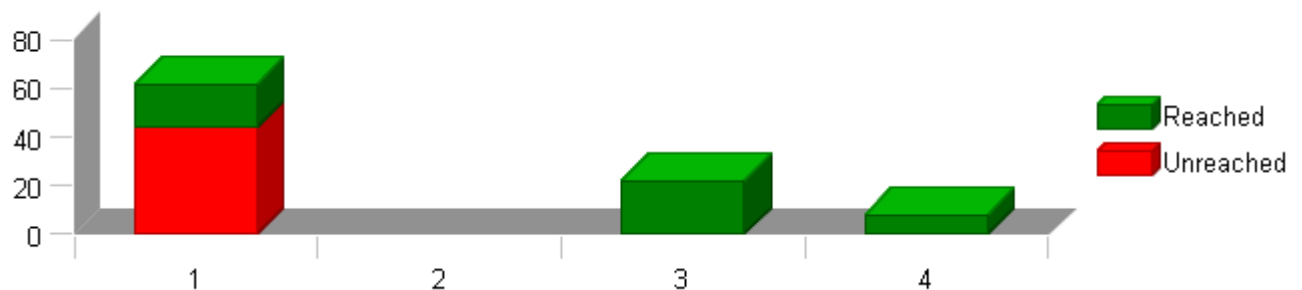
The table above shows each test object on the x axis and the number of statements of the respective test object on the y axis. Each bar is divided into reached statements (i.e. statements that have been executed during the test) and unreached statements.

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.

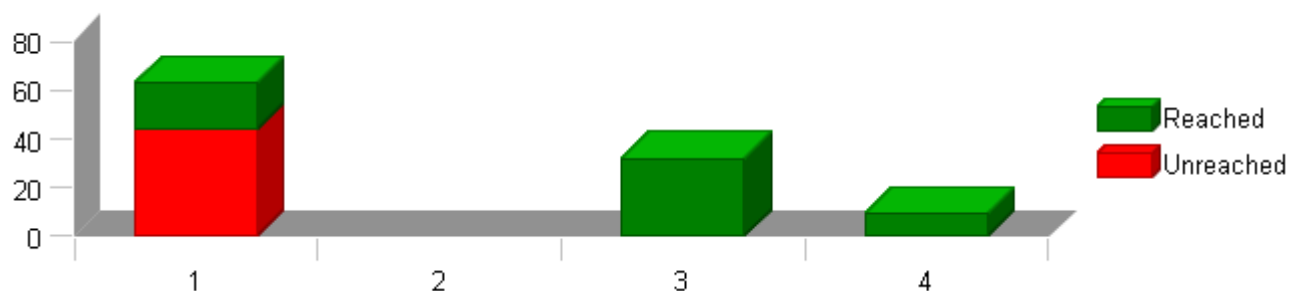
Decision Coverage: Total Decision Outcomes for Each Test Object



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 OVERVIEW REPORT

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Project CustBattDiag



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	✔

TEST DETAILS REPORT

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CustBattDiag_Per2

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'	<p>*****Unit Test Information*****</p> <p>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. *****</p>

Attributes

Name	Value
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.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_l2PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\UTP_PSA_CMP_CustBattDiag_Workspace\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

TEST DETAILS REPORT

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CustBattDiag_Per2



Test Case 1: Metrics Test

Description Vector Description:

```
TS1.1"Shortest Path==>(TRUE == CTerm_Cnt_T_Igc)=False&&(SttdSelcted_Cnt_T_Igc == FALSE)=False&&( EpsEn_Cnt_T_Igc == TRUE)=True&& ((FALSE == lowVoltageExtraCriteria_Cnt_T_Igc)=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_Igc)=True&&
  (uint8)kDMD_DELEST_DA_Not_Requested == DmdDelest_Cnt_T_u08)=True&&(ValidEngineStatus_Cnt_T_Igc == FALSE)
= True&&(ValidEngineStatus_Cnt_T_Igc == FALSE) = True&&(ValidEngineStatus_Cnt_T_Igc == FALSE)=True&&(SttdSelcted_Cnt_T_Igc == FALSE)=True&&(SttdSelcted_Cnt_T_Igc == FALSE)=False&&( EpsEn_Cnt_T_Igc == TRUE )=False&& ((FALSE == lowVoltageExtraCriteria_Cnt_T_Igc)=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_Igc.value	0
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	1
target_CustBattDiag_Per2_EngOn_Cnt_Igc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	1
target_CustBattDiag_Per2_SttdSelected_Cnt_Igc.value	1
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc.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_Igc	target_CustBattDiag_Per2_CTerm_Cnt_Igc
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_Igc	target_CustBattDiag_Per2_EngOn_Cnt_Igc
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_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt_Igc

TEST DETAILS REPORT

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CustBattDiag_Per2

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

TEST DETAILS REPORT

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CustBattDiag_Per2

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_Igc.value	1
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	0
target_CustBattDiag_Per2_EngOn_Cnt_Igc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	11
target_CustBattDiag_Per2_SttdSelected_Cnt_Igc.value	0
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc.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_Igc	target_CustBattDiag_Per2_CTerm_Cnt_Igc
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_Igc	target_CustBattDiag_Per2_EngOn_Cnt_Igc
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_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt_Igc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc
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

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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	✓

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CustBattDiag_Per2

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
TS2.11EstatMT_Cnt_u08==>Min
TS2.12EstatMT_Cnt_u08==>Max
TS2.13EstatMT_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(ElapsedTime)	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

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Name	Input Value
k_CustBattDiagLOlspd_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_Igc.value	0
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	0
target_CustBattDiag_Per2_EngOn_Cnt_Igc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	0
target_CustBattDiag_Per2_SttdSelected_Cnt_Igc.value	0
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc.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_Igc	target_CustBattDiag_Per2_CTerm_Cnt_Igc
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_Igc	target_CustBattDiag_Per2_EngOn_Cnt_Igc
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_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt_Igc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc
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	424818518	*none*	✔
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	424818518	*none*	✔
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	2162176534	*none*	✔
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	0	0	✔
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	424818518	*none*	✔

CustBattDiag Per2

[illegible]

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

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CustBattDiag_Per2

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(ElapsedTime)	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_CustBattDiagLOlspd_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	✔

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CustBattDiag_Per2

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

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CustBattDiag_Per2

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	✓

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CustBattDiag_Per2

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_CustBattDiagLOlspd_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

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CustBattDiag_Per2

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_Igc	target_CustBattDiag_Per2_CTerm_Cnt_Igc		
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_Igc	target_CustBattDiag_Per2_EngOn_Cnt_Igc		
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_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc		
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	✔

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CustBattDiag_Per2

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_CustBattDiagLOlspd_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

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CustBattDiag_Per2

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_Igc	target_CustBattDiag_Per2_CTerm_Cnt_Igc		
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_Igc	target_CustBattDiag_Per2_EngOn_Cnt_Igc		
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_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc		
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	✔

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CustBattDiag_Per2

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_CustBattDiagLOlspd_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

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CustBattDiag_Per2

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	✔

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CustBattDiag_Per2

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	✓
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_CustBattDiagLOlspd_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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CustBattDiag_Per2

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	✔

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CustBattDiag_Per2

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_CustBattDiagLOlspd_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

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CustBattDiag_Per2

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	✔

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CustBattDiag_Per2

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_CustBattDiagLOlspd_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

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CustBattDiag_Per2

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_Igc	target_CustBattDiag_Per2_CTerm_Cnt_Igc		
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_Igc	target_CustBattDiag_Per2_EngOn_Cnt_Igc		
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_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc		
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	✔

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CustBattDiag_Per2

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_CustBattDiagLOlspd_kph_f32	24.4420128
k_CustBattDiagHispld_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

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CustBattDiag_Per2

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	✔

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CustBattDiag_Per2

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	✓
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_CustBattDiagLOlspd_kph_f32	116.082245
k_CustBattDiagHispld_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

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CustBattDiag_Per2

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	✔

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CustBattDiag_Per2

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

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CustBattDiag_Per2

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_Igc	target_CustBattDiag_Per2_CTerm_Cnt_Igc		
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_Igc	target_CustBattDiag_Per2_EngOn_Cnt_Igc		
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_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc		
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	✔

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CustBattDiag_Per2

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	✓
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_CustBattDiagLOlspd_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

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CustBattDiag_Per2

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	✔

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CustBattDiag_Per2

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_CustBattDiagLOlspd_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

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CustBattDiag_Per2

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_Igc	target_CustBattDiag_Per2_CTerm_Cnt_Igc		
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_Igc	target_CustBattDiag_Per2_EngOn_Cnt_Igc		
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_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc		
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	✔

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CustBattDiag_Per2

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_CustBattDiagLOlspd_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

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CustBattDiag_Per2

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	✔

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CustBattDiag_Per2

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_CustBattDiagLOlspd_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

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CustBattDiag_Per2

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_Igc	target_CustBattDiag_Per2_CTerm_Cnt_Igc		
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_Igc	target_CustBattDiag_Per2_EngOn_Cnt_Igc		
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_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc		
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	✔

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CustBattDiag_Per2

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_CustBattDiagLOlspd_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

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CustBattDiag_Per2

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_Igc	target_CustBattDiag_Per2_CTerm_Cnt_Igc		
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_Igc	target_CustBattDiag_Per2_EngOn_Cnt_Igc		
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_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc		
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	✔

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CustBattDiag_Per2

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	✓
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_CustBattDiagLOlspd_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

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CustBattDiag_Per2

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	✔

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CustBattDiag_Per2

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	✓
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_CustBattDiagLOlspd_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

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CustBattDiag_Per2

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	✔

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CustBattDiag_Per2

CustBattDNBc ftDiae [I slgnVoltivgnV_mS0 _u16

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_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
CustBattDNBc Rte_Call_Ap_CustBattDiag_NxtDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtDiagMgr_GetNTCFailed	3	✓
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage CustBattDNBc ftDiae [up 1 islgnVoltivgnV_mS0 _u16		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis CustBattDNBc ftDiae [I slgnVoltivgnV_mS0 _u16		
CustBattDNBc Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✓
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✓
CustBattDNBc Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✓
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis ftDiae [I slgnVoltivgnV_mS0 _u16		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✓
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✓
CustBattDNBc Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✓
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis ftDiae [I slgnVoltivgnV_mS0 _u16		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✓
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis islgnVoltivgnV_mS0 _u16		
CustBattDNBc Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✓

CustBattDNBc ftDiae [I slgnVoltivgnV_mS0 _u16

CustBattDNBc ftDiae [I slgnVoltivgnV_mS0 _u16

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CustBattDiag_Per2

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	✔

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CustBattDiag_Per2

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

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CustBattDiag_Per2

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	✔

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CustBattDiag_Per2

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_CustBattDiagLOlspd_kph_f32	67.6589432
k_CustBattDiagHispsd_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

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CustBattDiag_Per2

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	✔

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CustBattDiag_Per2

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

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CustBattDiag_Per2

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_Igc	target_CustBattDiag_Per2_CTerm_Cnt_Igc		
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_Igc	target_CustBattDiag_Per2_EngOn_Cnt_Igc		
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_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc		
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	✔

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CustBattDiag_Per2

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_CustBattDiagLOlspd_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

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CustBattDiag_Per2

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_Igc	target_CustBattDiag_Per2_CTerm_Cnt_Igc		
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_Igc	target_CustBattDiag_Per2_EngOn_Cnt_Igc		
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_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc		
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	✔

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CustBattDiag_Per2

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	✓
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_CustBattDiagLOlspd_kph_f32	129.380325
k_CustBattDiagHispld_kph_f32	475.597839
k_CustBattDiagLospld_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

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CustBattDiag_Per2

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	✔

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CustBattDiag_Per2

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_CustBattDiagLOlspd_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

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CustBattDiag_Per2

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_Igc	target_CustBattDiag_Per2_CTerm_Cnt_Igc		
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_Igc	target_CustBattDiag_Per2_EngOn_Cnt_Igc		
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_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc		
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	✔

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CustBattDiag_Per2

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_CustBattDiagLOlspd_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

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CustBattDiag_Per2

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_Igc	target_CustBattDiag_Per2_CTerm_Cnt_Igc		
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_Igc	target_CustBattDiag_Per2_EngOn_Cnt_Igc		
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_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc		
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	✔

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CustBattDiag_Per2

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_CustBattDiagLOlspd_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

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CustBattDiag_Per2

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	✔

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CustBattDiag_Per2

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_CustBattDiagLOlspd_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

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CustBattDiag_Per2

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_Igc	target_CustBattDiag_Per2_CTerm_Cnt_Igc		
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_Igc	target_CustBattDiag_Per2_EngOn_Cnt_Igc		
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_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc		
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	✔

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CustBattDiag_Per2

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_CustBattDiagLOlspd_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

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CustBattDiag_Per2

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	✔

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CustBattDiag_Per2

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_CustBattDiagLOlspd_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

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CustBattDiag_Per2

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	✔

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CustBattDiag_Per2

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_CustBattDiagLOlspd_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

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CustBattDiag_Per2

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_Igc	target_CustBattDiag_Per2_CTerm_Cnt_Igc		
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_Igc	target_CustBattDiag_Per2_EngOn_Cnt_Igc		
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_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc		
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	✔

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CustBattDiag_Per2

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_CustBattDiagLOlspd_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

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CustBattDiag_Per2

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	✔

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CustBattDiag_Per2

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_CustBattDiagLOlspd_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

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CustBattDiag_Per2

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_Igc	target_CustBattDiag_Per2_CTerm_Cnt_Igc		
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_Igc	target_CustBattDiag_Per2_EngOn_Cnt_Igc		
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_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc		
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	✔

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CustBattDiag_Per2

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_CustBattDiagLOlspd_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

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CustBattDiag_Per2

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	✔

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CustBattDiag_Per2

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

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CustBattDiag_Per2

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	✔

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CustBattDiag_Per2

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_CustBattDiagLOlspd_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

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CustBattDiag_Per2

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_Igc	target_CustBattDiag_Per2_CTerm_Cnt_Igc		
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_Igc	target_CustBattDiag_Per2_EngOn_Cnt_Igc		
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_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc		
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	✔

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CustBattDiag_Per2

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_CustBattDiagLOlspd_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

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CustBattDiag_Per2

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 DETAILS REPORT

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CustBattDiag_ReportFaultWithHysteresis

Project	CustBattDiag
Module	CustBattDiag
Test Object	CustBattDiag_ReportFaultWithHysteresis

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'	<p>*****Unit Test Information*****</p> <p>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. *****</p>

Attributes

Name	Value
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.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_l2PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\UTP_PSA_CMP_CustBattDiag_Workspace\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

TEST DETAILS REPORT

CustBattDiag_ReportFaultWithHysteresis

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Test Case 1: Metrics Test

Description Vector Description:

```
TS1.1Longest Path==>((FALSE == lowVoltageExtraCriteria_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 == lowVoltageExtraCriteria_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
lowVoltageExtraCriteria_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

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CustBattDiag_ReportFaultWithHysteresis

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

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CustBattDiag_ReportFaultWithHisteresis

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	



Test Case 2: Range Test



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CustBattDiag_ReportFaultWithHysteresis

Description	Vector Description:
	TS2.1All Min
	TS2.2All Max
	TS2.3ntc==>Min
	TS2.4ntc==>Max
	TS2.5ntc==>Pos
	TS2.6lowVoltageExtraCriteria_Cnt_T_lgc==>Min
	TS2.7lowVoltageExtraCriteria_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

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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 SystemTime_mS_T_u32	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime 0
Voltage_Volts_T_u10p6	0
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCriteria_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

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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	

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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(ElapsedTime_SystemTime_mS_T_u32	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_SystemTime_mS_T_u32
Voltage_Volts_T_u10p6	4294967295
k_LOIDetect_Volts_u10p6	1023
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCriteria_Cnt_T_lgc	0
ntc	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	CustBattDiagNtc_E9
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	✓

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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

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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	
lowVoltageExtraCriteria_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	

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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	

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CustBattDiag_ReportFaultWithHysteresis

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	✔

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CustBattDiag_ReportFaultWithHisteresis

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
lowVoltageExtraCriteria_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

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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

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CustBattDiag_ReportFaultWithHysteresis

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		
lowVoltageExtraCriteria_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

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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	✔

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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
lowVoltageExtraCriteria_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

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CustBattDiag_ReportFaultWithHysteresis

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

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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	✓

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CustBattDiag_ReportFaultWithHisteresis

Test Step 2.11 (Repeat Count = 1)



Name	Input Value
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CustBattDiag_ReportFaultWithHysteresis

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
lowVoltageExtraCriteria_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

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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

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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		
lowVoltageExtraCriteria_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	✔

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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
lowVoltageExtraCriteria_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

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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	

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CustBattDiag_ReportFaultWithHysteresis

Name	Input Value		
SystemTime_mS_T_u32	2157004648		
Voltage_Volts_T_u10p6	936		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCriteria_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

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CustBattDiag_ReportFaultWithHisteresis

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	✔

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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
lowVoltageExtraCriteria_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

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CustBattDiag_ReportFaultWithHysteresis

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

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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		
lowVoltageExtraCriteria_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	✓

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CustBattDiag_ReportFaultWithHysteresis

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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
lowVoltageExtraCriteria_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

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Name	Input Value		
target_upperWindowThresh_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_ElapsedTim
SystemTime_mS_T_u32	3106878671
Voltage_Volts_T_u10p6	912
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCriteria_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

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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

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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		
lowVoltageExtraCriteria_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	✔

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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].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
lowVoltageExtraCriteria_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

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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
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(ElapsedTime SystemTime_mS_T_u32	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime SystemTime_mS_T_u32
Voltage_Volts_T_u10p6	2222682785
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Name	Input Value
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCriteria_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

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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		
lowVoltageExtraCriteria_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	✔

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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
lowVoltageExtraCriteria_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

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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

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CustBattDiag_ReportFaultWithHysteresis

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		
lowVoltageExtraCriteria_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	✔

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CustBattDiag_ReportFaultWithHisteresis

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
lowVoltageExtraCriteria_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

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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(ElapsedTime	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
SystemTime_mS_T_u32	3966004176	
Voltage_Volts_T_u10p6	759	

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Name	Input Value
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCriteria_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

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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	✔

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CustBattDiag_ReportFaultWithHysteresis

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
lowVoltageExtraCriteria_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

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CustBattDiag_ReportFaultWithHisteresis

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

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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	

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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		
lowVoltageExtraCriteria_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	✓

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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	
lowVoltageExtraCriteria_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	

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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

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CustBattDiag_ReportFaultWithHysteresis

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		
lowVoltageExtraCriteria_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		

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CustBattDiag_ReportFaultWithHisteresis

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
lowVoltageExtraCriteria_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

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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	

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CustBattDiag_ReportFaultWithHysteresis

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		
lowVoltageExtraCriteria_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

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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		
lowVoltageExtraCriteria_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	✓

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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
lowVoltageExtraCriteria_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

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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

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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		
lowVoltageExtraCriteria_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	✓

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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
lowVoltageExtraCriteria_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

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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	

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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

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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	✔

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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
lowVoltageExtraCriteria_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

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CustBattDiag_ReportFaultWithHysteresis

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

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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

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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		
lowVoltageExtraCriteria_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	✔

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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
lowVoltageExtraCriteria_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

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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

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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(ElapsedTime SystemTime_mS_T_u32	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime 2395872501		
Voltage_Volts_T_u10p6	712		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCriteria_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	✔

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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
lowVoltageExtraCriteria_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

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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

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Name	Input Value
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCriteria_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	

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CustBattDiag_ReportFaultWithHisteresis

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	✔

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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	
lowVoltageExtraCriteria_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	

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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	

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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

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Name	Input Value	Expected Value	Result
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		
lowVoltageExtraCriteria_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	✓

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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	
lowVoltageExtraCriteria_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	

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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

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CustBattDiag_ReportFaultWithHisteresis

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		
lowVoltageExtraCriteria_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	✔

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CustBattDiag_ReportFaultWithHisteresis

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
lowVoltageExtraCriteria_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

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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	

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CustBattDiag_ReportFaultWithHisteresis

Name	Input Value		
SystemTime_mS_T_u32	3517090381		
Voltage_Volts_T_u10p6	765		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCriteria_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

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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		
lowVoltageExtraCriteria_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	✔

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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
lowVoltageExtraCriteria_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

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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

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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		
lowVoltageExtraCriteria_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

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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		
lowVoltageExtraCriteria_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	✓

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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
lowVoltageExtraCriteria_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

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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

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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		
lowVoltageExtraCriteria_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	✔

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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
lowVoltageExtraCriteria_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

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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(ElapsedTime SystemTime_mS_T_u32	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime SystemTime_mS_T_u32	
Voltage_Volts_T_u10p6	3091893721	
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Name	Input Value
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCriteria_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	

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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		
lowVoltageExtraCriteria_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	✔

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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
lowVoltageExtraCriteria_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

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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

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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(ElapsedTime_mS_T_u32	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Voltage_Volts_T_u10p6	2538608509		
k_LOIDetect_Volts_u10p6	344		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCriteria_Cnt_T_lgc	0		
ntc	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	CustBattDiagNtc_E7		
target_lowerVoltage_volt_u10p6	55295		
target_lowerVoltage_volt_u10p6_2	32689		
target_lowerVoltage_volt_u10p6_2_3	61217		
target_lowerVoltage_volt_u10p6_2_3_4	54459		
target_lowerVoltage_volt_u10p6_2_3_4_5	43595		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	37686		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	901		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	55325		
target_lowerWindowThresh_Cnt_u16	4551		
target_lowerWindowThresh_Cnt_u16_2	2825		
target_lowerWindowThresh_Cnt_u16_2_3	23553		
target_lowerWindowThresh_Cnt_u16_2_3_4	48077		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	64877		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	30444		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	39073		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	0		
target_upperVoltage_volt_u10p6	39170		
target_upperVoltage_volt_u10p6_2	32689		
target_upperVoltage_volt_u10p6_2_3	61217		
target_upperVoltage_volt_u10p6_2_3_4	54459		
target_upperVoltage_volt_u10p6_2_3_4_5	43595		
target_upperVoltage_volt_u10p6_2_3_4_5_6	37686		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	901		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	55325		
target_upperWindowThresh_Cnt_u16	4551		
target_upperWindowThresh_Cnt_u16_2	37605		
target_upperWindowThresh_Cnt_u16_2_3	64728		
target_upperWindowThresh_Cnt_u16_2_3_4	32468		
target_upperWindowThresh_Cnt_u16_2_3_4_5	44688		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	30202		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	7288		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	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	✓

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CustBattDiag_ReportFaultWithHysteresis

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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
lowVoltageExtraCriteria_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

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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	
lowVoltageExtraCriteria_Cnt_T_lgc	1	
ntc	CustBattDiagNtc_E1	
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	3591	

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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

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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	✔

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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
lowVoltageExtraCriteria_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

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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

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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

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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		
lowVoltageExtraCriteria_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	✓

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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
lowVoltageExtraCriteria_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

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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

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CustBattDiag_ReportFaultWithHisteresis

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	✔

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CustBattDiag_ReportFaultWithHisteresis

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
lowVoltageExtraCriteria_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

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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

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CustBattDiag_ReportFaultWithHisteresis

Name	Input Value		
SystemTime_mS_T_u32	3686189422		
Voltage_Volts_T_u10p6	78		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCriteria_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

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CustBattDiag_ReportFaultWithHysteresis

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		
lowVoltageExtraCriteria_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	✔

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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_ElapsedTim
SystemTime_mS_T_u32	2863361536
Voltage_Volts_T_u10p6	488
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCriteria_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

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CustBattDiag_ReportFaultWithHysteresis

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

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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
lowVoltageExtraCriteria_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	✓

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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
lowVoltageExtraCriteria_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

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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	

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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

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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		
lowVoltageExtraCriteria_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	✔

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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
lowVoltageExtraCriteria_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

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CustBattDiag_ReportFaultWithHysteresis

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

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CustBattDiag_ReportFaultWithHisteresis

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

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CustBattDiag_ReportFaultWithHisteresis

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		
lowVoltageExtraCriteria_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	✔

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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
lowVoltageExtraCriteria_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

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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

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CustBattDiag_ReportFaultWithHisteresis

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	✓

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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
lowVoltageExtraCriteria_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

TEST DETAILS REPORT

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CustBattDiag_ReportFaultWithHysteresis

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			
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	✓
	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓

Test Step 2.91 (Repeat Count = 1)

TEST DETAILS REPORT

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CustBattDiag_ReportFaultWithHysteresis

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

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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	✔

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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
lowVoltageExtraCriteria_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

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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	

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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		
lowVoltageExtraCriteria_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

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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	✔

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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
lowVoltageExtraCriteria_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

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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

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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(ElapsedTime_SystemTime_mS_T_u32	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Voltage_Volts_T_u10p6	2773961768		
k_LOIDetect_Volts_u10p6	14		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc	0		
ntc	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	CustBattDiagNtc_E7		
target_lowerVoltage_volt_u10p6	57228		
target_lowerVoltage_volt_u10p6_2	54431		
target_lowerVoltage_volt_u10p6_2_3	950		
target_lowerVoltage_volt_u10p6_2_3_4	44288		
target_lowerVoltage_volt_u10p6_2_3_4_5	17582		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	50501		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	24041		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	18670		
target_lowerWindowThresh_Cnt_u16	30176		
target_lowerWindowThresh_Cnt_u16_2	49658		
target_lowerWindowThresh_Cnt_u16_2_3	11097		
target_lowerWindowThresh_Cnt_u16_2_3_4	16824		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	715		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	4992		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	37725		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	25700		
target_upperVoltage_volt_u10p6	19023		
target_upperVoltage_volt_u10p6_2	54431		
target_upperVoltage_volt_u10p6_2_3	950		
target_upperVoltage_volt_u10p6_2_3_4	44288		
target_upperVoltage_volt_u10p6_2_3_4_5	17582		
target_upperVoltage_volt_u10p6_2_3_4_5_6	50501		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	24041		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	18670		
target_upperWindowThresh_Cnt_u16	30176		
target_upperWindowThresh_Cnt_u16_2	18916		
target_upperWindowThresh_Cnt_u16_2_3	50899		
target_upperWindowThresh_Cnt_u16_2_3_4	61868		
target_upperWindowThresh_Cnt_u16_2_3_4_5	24619		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	42120		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	23426		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	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	✔

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CustBattDiag_ReportFaultWithHisteresis

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
lowVoltageExtraCriteria_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

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CustBattDiag_ReportFaultWithHysteresis

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	

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CustBattDiag_ReportFaultWithHysteresis

Name	Input Value
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCriteria_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

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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		
lowVoltageExtraCriteria_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	✔

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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
lowVoltageExtraCriteria_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

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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

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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		
lowVoltageExtraCriteria_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	✓

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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
lowVoltageExtraCriteria_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

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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_ElapsedTim	
SystemTime_mS_T_u32	3530899652	
Voltage_Volts_T_u10p6	911	
k_LOIDetect_Volts_u10p6	0	
k_LOINotDetect_Volts_u10p6	0	
lowVoltageExtraCriteria_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	

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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	

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CustBattDiag_ReportFaultWithHisteresis

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		
lowVoltageExtraCriteria_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	✔

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CustBattDiag_ReportFaultWithHisteresis

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
lowVoltageExtraCriteria_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

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CustBattDiag_ReportFaultWithHysteresis

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

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Name	Input Value
Voltage_Volts_T_u10p6	14
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCriteria_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

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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	✔

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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
lowVoltageExtraCriteria_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

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CustBattDiag_ReportFaultWithHysteresis

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

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CustBattDiag_ReportFaultWithHisteresis

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		
lowVoltageExtraCriteria_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	✓

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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
lowVoltageExtraCriteria_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

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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	
lowVoltageExtraCriteria_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	

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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	

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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		
lowVoltageExtraCriteria_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	✔

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CustBattDiag_ReportFaultWithHisteresis

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
lowVoltageExtraCriteria_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

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CustBattDiag_ReportFaultWithHysteresis

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].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(ElapsedTime SystemTime_mS_T_u32	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime SystemTime_mS_T_u32
Voltage_Volts_T_u10p6	2773961768
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CustBattDiag_ReportFaultWithHisteresis

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		✓

TEST DETAILS REPORT

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CustBattDiag_Per1

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_ps.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

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CustBattDiag_Per1

Test Case 1: Metrics Test

Description Vector Description:

```
TS1.1"Shortest Path==>if ((FALSE == lowVoltageExtraCriteria_Cnt_T_Igc)=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 == lowVoltageExtraCriteria_Cnt_T_Igc)=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

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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_ReportFaultWithHysteresis	1	CustBattDiag_ReportFaultWithHysteresis	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✓
CustBattDiag_ReportFaultWithHysteresis	1	CustBattDiag_ReportFaultWithHysteresis	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

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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	✔

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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_ReportFaultWithHysteresis	1	CustBattDiag_ReportFaultWithHysteresis	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_ReportFaultWithHysteresis	1	CustBattDiag_ReportFaultWithHysteresis	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
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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

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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	1468581337	*none*	✓
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

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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	✔

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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_ElapsedTim
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

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CustBattDiag_Per1

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	

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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	

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CustBattDiag_Per1

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_ReportFaultWithHysteresis	1	CustBattDiag_ReportFaultWithHysteresis	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_ReportFaultWithHysteresis	1	CustBattDiag_ReportFaultWithHysteresis	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

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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_ReportFaultWithHysteresis	1	CustBattDiag_ReportFaultWithHysteresis	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_ReportFaultWithHysteresis	1	CustBattDiag_ReportFaultWithHysteresis	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

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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	✔

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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

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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

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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(ElapsedTime)	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	✔

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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	✓	

TEST DETAILS REPORT



Project	
Module	
Test Object	

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	
Successful	✓
Failed	
Not Executed	

Comments/Description/Specification

Name	Text

Attributes

Name	Value
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl
Target Install Path	\$(ProgramFiles)\pls\UDE 4.4
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
Timer Unit	Cycles
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_l2PIN_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

Test Step 1.1 (Repeat Count = 1)					✓	
Name		Input Value				
Name		Actual Value	Expected Value	Result	✓	
Test Step Call Trace						✓
Actual Function		Count	Expected Function	Count	Result	✓

Test Step 1.2 (Repeat Count = 1)					✓	
Name		Input Value				
Name		Actual Value	Expected Value	Result	✓	
Test Step Call Trace						✓
Actual Function		Count	Expected Function	Count	Result	✓
						✓



Test Case 2: Range Test ✓
Description

Test Step 2.1 (Repeat Count = 1) ✓			
Name	Input Value		
Name	Actual Value	Expected Value	Result
			✓

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

Test Step 2.2 (Repeat Count = 1) ✓			
Name	Input Value		
Name	Actual Value	Expected Value	Result
			✓

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

Test Step 2.3 (Repeat Count = 1) ✓			
Name	Input Value		
Name	Actual Value	Expected Value	Result
			✓

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

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Test Step 2.4 (Repeat Count = 1)				✓
Name		Input Value		
Name		Actual Value	Expected Value	Result
				✓

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

Test Step 2.5 (Repeat Count = 1)				✓
Name		Input Value		
Name		Actual Value	Expected Value	Result
				✓

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

Test Step 2.6 (Repeat Count = 1)				✓
Name		Input Value		
Name		Actual Value	Expected Value	Result
				✓

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

Test Step 2.7 (Repeat Count = 1)				✓
Name		Input Value		
Name		Actual Value	Expected Value	Result
				✓

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

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Test Step 2.8 (Repeat Count = 1)				✓
Name		Input Value		
Name		Actual Value	Expected Value	Result
				✓

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

Test Step 2.9 (Repeat Count = 1)				✓
Name		Input Value		
Name		Actual Value	Expected Value	Result
				✓

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

Test Step 2.10 (Repeat Count = 1)				✓
Name		Input Value		
Name		Actual Value	Expected Value	Result
				✓

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

Test Step 2.11 (Repeat Count = 1)				✓
Name		Input Value		
Name		Actual Value	Expected Value	Result
				✓

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

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Test Step 2.12 (Repeat Count = 1)				✓
Name		Input Value		
Name		Actual Value	Expected Value	Result
				✓

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

Test Step 2.13 (Repeat Count = 1)				✓
Name		Input Value		
Name		Actual Value	Expected Value	Result
				✓

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

Test Step 2.14 (Repeat Count = 1)				✓
Name		Input Value		
Name		Actual Value	Expected Value	Result
				✓

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

Test Step 2.15 (Repeat Count = 1)				✓
Name		Input Value		
Name		Actual Value	Expected Value	Result
				✓

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

TEST DETAILS REPORT



Test Step 2.16 (Repeat Count = 1)				✓
Name		Input Value		
Name		Actual Value	Expected Value	Result
				✓

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

Test Step 2.17 (Repeat Count = 1)				✓
Name		Input Value		
Name		Actual Value	Expected Value	Result
				✓

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