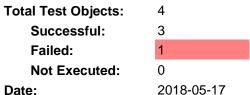
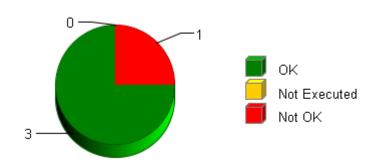


Summary

Overall Test Object Results (including Coverage)



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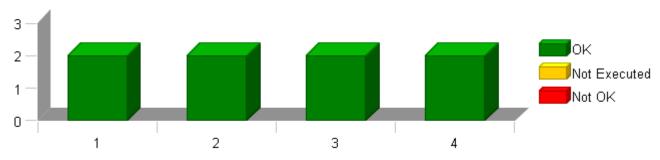
Selected Project Items

Test Collection "CBD_Unit_Test"

Used Test Environments

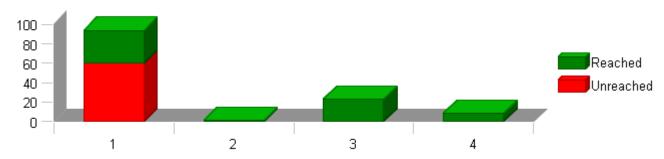
TI TMS 570 PLS UDE (Default)

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).

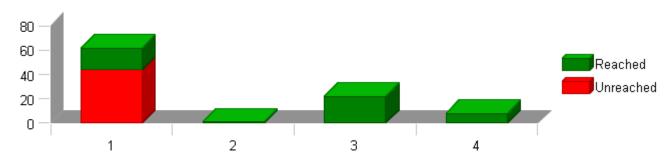
Statement (C0) Coverage: Total Statements for Each Test Object



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.

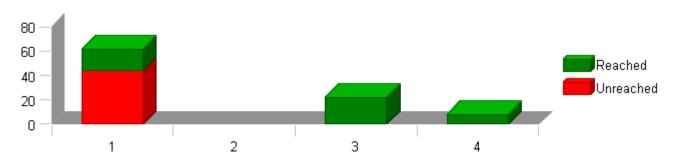


Branch (C1) Coverage: Total Branches for Each Test Object



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.

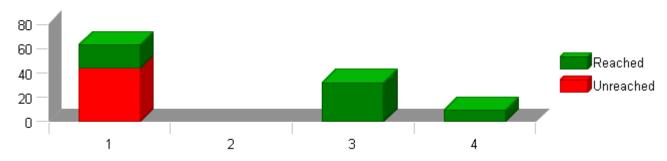
Decision Coverage: Total Decision Outcomes for Each Test Object



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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Test Object List

Project CustBattDiag

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	•

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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	

Name Text Module 'CustBattDiag' Name of Tester: Chandrakanth Sheegi Code File(s) Under Test:Ap_CustBattDiag.c Code File(s) Version:3 Module Design Document: CustomerBattDiagnostic_MDD.docx Module Design Document Version:2 Data Dictionary Version:3 Unit Test Plan 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):04 Total RAM Used (Bytes):04 Total RAM 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', 'D_IMAGINARY_IGN_UNKNWN_VOLTS_U10P6' and 'D_IMAGINARY_IGN_OFF_VOLTS_U10P6', 'D_IMAGINARY_IGN_UNKNWN_VOLTS_U10P6' and 'D_IMAGINARY_IGN_OFF_VOLTS_U10P6', 'D_IMAGINARY_IGN_UNKNWN_VOLTS_U10P6' and 'D_IMAGINARY_IGN_OFF_VOLTS_U10P6', 'D_IMAGINARY_IGN_OFF_VOLTS_U10P6', 'D_IMAGINARY_IGN_OFF_VOLTS_U10P6', 'D_IMAGINARY_IGN_OFF_VOLTS_U10P6', '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	<pre>\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5</pre>
Float Precision	9
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl
Target Install Path	\$(ProgramFiles)\pls\UDE 4.4
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
Timer Unit	Cycles
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\UTP_PSA_CMP_CustBattDiag_Workspace\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP



Test Case 1: Metrics Test

Description

Vector Description:

TS1.1"Shortest Path==>if ((FALSE == lowVoltageExtraCryteria_Cnt_T_lgc)=False ||
 (*(CustBattDiagNtcConfig_Str[ntc].lowerVoltage_volt_u10p6) <= Voltage_Volts_T_u10p6)=True)&&
(*(CustBattDiagNtcConfig_Str[ntc].lowerWindowThresh_Cnt_u16) <=
ElapsedTime_Cnt_T_u16)=False&& (*(CustBattDiagNtcConfig_Str[ntc].upperVoltage_volt_u10p6) >= Voltage_Volts_T_u10p6))=False&&
(*(CustBattDiagNtcConfig_Str[ntc].upperVindowThresh_Cnt_u16) <= ElapsedTime_Cnt_T_u16)=False"
TS1.2"Longest Path==> ((FALSE == lowVoltageExtraCryteria_Cnt_T_lgc)=False ||
 (*(CustBattDiagNtcConfig_Str[ntc].lowerVoltage_volt_u10p6) <= Voltage_Volts_T_u10p6)=False)&&
(*(CustBattDiagNtcConfig_Str[ntc].lowerWindowThresh_Cnt_u16) <=
ElapsedTime_Cnt_T_u16)=True&& (*(CustBattDiagNtcConfig_Str[ntc].upperVoltage_volt_u10p6) >= Voltage_Volts_T_u10p6))=True&&
(*(CustBattDiagNtcConfig_Str[ntc].upperWindowThresh_Cnt_u16) <= ElapsedTime_Cnt_T_u16)=True"

Test Step 1.1 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiagNtcConfig Str[0].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6 Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTim	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 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	
target Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32 Current	
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		
Namo	Actual Value	Expected Value	Regult

target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	48508		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	1124426578	1124426578	~
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	1124426578	1124426578	~
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	0	0	•

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	~	
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	~	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~	
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	~	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~	

Test Step 1.2 (Repeat Count = 1)	
Name	Input Value
CustBattDiagNtcConfig Str[0].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16
CustBattDiagNtcConfig Str[0].upperVoltage volt u10p6	target upperVoltage volt u10p6
· · · · · · · · · · · · · · · · · · ·	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7

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Name	Input Value			
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7		
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8		
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	_6_7_8		
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	_4_5_6_7_8		
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5			
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTi		Time_DtrmnElapsedTime_mS_u16_Elapsed	dTime	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)		Time_GetSystemTime_mS_u32_CurrentTin	ne	
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_Ela				
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Curre				
target_Rte_Inst_Ap_CustBattDiag_Per1_Batt_Volt_f32 target_lowerVoltage_volt_u10p6	target_CustBattDiag_Per1_Batt_Volt_f32 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	1	1	
Name	Actual Value	Expected Value	Resul	
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	1	
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	0	0	,	
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer Str[3].detectWindow Cnt M u32	0	0		
	1124426578 1468581337	1124426578 1468581337		
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1468581337	0		
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0		
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32				
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	U	U	,	
CustBattDiagNtcTimer Str[7].detectWindow 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 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

Name	Input Value
CustBattDiagNtcConfig Str[0].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16
CustBattDiagNtcConfig Str[0].upperVoltage volt u10p6	target upperVoltage volt u10p6
CustBattDiagNtcConfig Str[0].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6
CustBattDiagNtcConfig Str[1].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2
CustBattDiagNtcConfig Str[1].upperVoltage volt u10p6	target upperVoltage volt u10p6 2
CustBattDiagNtcConfig Str[1].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2
CustBattDiagNtcConfig Str[2].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3
CustBattDiagNtcConfig Str[2].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3
CustBattDiagNtcConfig Str[2].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3
CustBattDiagNtcConfig Str[2].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3
CustBattDiagNtcConfig Str[3].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig Str[3].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4
CustBattDiagNtcConfig Str[3].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig Str[4].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5
CustBattDiagNtcConfig Str[4].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig Str[4].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig Str[5].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig Str[5].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6
CustBattDiagNtcConfig Str[5].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig Str[5].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5 6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig Str[6].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7
CustBattDiagNtcConfig Str[6].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6 7
CustBattDiagNtcConfig Str[6].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5 6 7
CustBattDiagNtcConfig Str[7].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6 7 8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig Str[7].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 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	V - V - V V
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
CLOIDetect Volts u10p6	0
C LOINotDetect Volts u10p6	0
arget CustBattDiag Per1 Batt Volt f32.value	5
arget Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap	
arget Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32 Current	
arget_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32
arget 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

0 = 11			
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer Str[7].notDetectWindow Cnt M u32	0	0	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	•
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	•
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	•
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	•
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	~

Test Step 2.2 (Repeat Count = 1)		✓
Name	Input Value	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	





Name	Input Value		
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2		
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2		
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2		
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3		
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3		
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3		
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3		
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4		
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4		
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	_5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5		
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5		
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6		
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6		
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	5_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	_7	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	5_6_7_8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	5_7_8	
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4		
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_SystemTi	me_DtrmnElapsedTime_mS_u16_ElapsedTim	ne
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_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			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current			
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 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	65535 65535		
	65535		
target_upperVoltage_volt_u10p6 target_upperVoltage_volt_u10p6_2	65535		
target_upperVoltage_volt_u10p6_2 target_upperVoltage_volt_u10p6_2_3	65535		
target_upperVoltage_volt_u10p6_2_3	65535		
target_upperVoltage_volt_u10p6_2_3_4 target_upperVoltage_volt_u10p6_2_3_4_5	65535		
target_upperVoltage_volt_u10p6_2_3_4_5	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	result
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	~

0

 $CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32$ $CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32$

CustBattDiag_Per1

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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	•

lame	Input Value
ustBattDiagNtcConfig Str[0].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16
sustBattDiagNtcConfig Str[0].upperVoltage volt u10p6	target upperVoltage volt u10p6
sustBattDiagNtcConfig Str[0].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16
ustBattDiagNtcConfig Str[0].lowerVoltage volt u10p6	target lowerVoltage volt u10p6
ustBattDiagNtcConfig Str[1].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2
ustBattDiagNtcConfig Str[1].upperVoltage volt u10p6	target upperVoltage volt u10p6 2
ustBattDiagNtcConfig Str[1].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2
ustBattDiagNtcConfig Str[1].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2
ustBattDiagNtcConfig Str[2].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3
ustBattDiagNtcConfig Str[2].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3
ustBattDiagNtcConfig Str[2].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3
ustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
ustBattDiagNtcConfig Str[3].upperWindowThresh Cnt u16	target_upperWindowThresh_Cnt_u16_2_3_4
ustBattDiagNtcConfig Str[3].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4
ustBattDiagNtcConfig Str[3].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4
ustBattDiagNtcConfig Str[3].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4
ustBattDiagNtcConfig Str[4].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5
ustBattDiagNtcConfig Str[4].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5
ustBattDiagNtcConfig Str[4].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5
ustBattDiagNtcConfig Str[4].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5
ustBattDiagNtcConfig Str[5].upperWindowThresh Cnt u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
ustBattDiagNtcConfig Str[5].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6
ustBattDiagNtcConfig Str[5].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6
ustBattDiagNtcConfig Str[5].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5 6
ustBattDiagNtcConfig Str[6].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6 7
ustBattDiagNtcConfig Str[6].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7
ustBattDiagNtcConfig Str[6].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6 7
ustBattDiagNtcConfig Str[6].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5 6 7
ustBattDiagNtcConfig Str[7].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6 7 8
ustBattDiagNtcConfig Str[7].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7 8
ustBattDiagNtcConfig Str[7].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6 7 8
ustBattDiagNtcConfig Str[7].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5 6 7 8
te Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTim	target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 ElapsedTime
e Call Ap CustBattDiag SystemTime GetSystemTime mS u32(CurrentTime)	target Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32 CurrentTime
e Inst Ap CustBattDiag	target Rte Inst Ap CustBattDiag
LOIDetect_Volts_u10p6	0
LOINotDetect Volts u10p6	0
rget_CustBattDiag_Per1_Batt_Volt_f32.value	5
rget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	34399
rget_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	
rget Rte Inst Ap CustBattDiag.CustBattDiag Per1 Batt Volt f32	target CustBattDiag Per1 Batt Volt f32

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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

target_appervvintedvintedi_ont_a to_z_o_4_o_o_7_o	01002		
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				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	•
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	•
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~

Test Step 2.4 (Repeat Count = 1)		✓
Name	Input Value	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2	





Name	Input Value		
	•		
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_lowerVoltage_volt_u10p6_2 target_upperWindowThresh_Cnt_u16_2_3		
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3		
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3		
· · · · · · · · · · · · · · · · · · ·	target_lowerVoltage_volt_u10p6_2_3		
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4		
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4	_	
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	_5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	-	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_	_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5	5.0	
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6		
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_	_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	5.0.7	
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	_	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6		
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6		
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim			ne
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTir	me_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			
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current$			
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32		
target_lowerVoltage_volt_u10p6	60908		
target_lowerVoltage_volt_u10p6_2	39484		
target_lowerVoltage_volt_u10p6_2_3	7701		
target_lowerVoltage_volt_u10p6_2_3_4	55447		
target_lowerVoltage_volt_u10p6_2_3_4_5	46351		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	64601		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	20105		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	37226		
target_lowerWindowThresh_Cnt_u16	65510		
target_lowerWindowThresh_Cnt_u16_2	15790		
target_lowerWindowThresh_Cnt_u16_2_3	45688		
target_lowerWindowThresh_Cnt_u16_2_3_4	25844		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	20313		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	1288		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	14009		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	28032		
target_upperVoltage_volt_u10p6	60908		
target_upperVoltage_volt_u10p6_2	39484		
target_upperVoltage_volt_u10p6_2_3	7701		
target_upperVoltage_volt_u10p6_2_3_4	55447		
target_upperVoltage_volt_u10p6_2_3_4_5	46351		
target_upperVoltage_volt_u10p6_2_3_4_5_6	64601		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	20105		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	37226		
target_upperWindowThresh_Cnt_u16	62097		
target_upperWindowThresh_Cnt_u16_2	60747		
target_upperWindowThresh_Cnt_u16_2_3	36278		
target_upperWindowThresh_Cnt_u16_2_3_4	40970		
target_upperWindowThresh_Cnt_u16_2_3_4_5	15294		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	20862		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	32245		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	44317		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	~
CustRattDiagNtcTimer_Str[1] notDetectWindow_Cnt_M_u32	0	0	9

0

0

0

0

0

0

CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32

 $CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32$

CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32

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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	3513169172	3513169172	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	3513169172	3513169172	✓
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	0	0	✓

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	~	
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	~	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓	
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	-	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	~	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	~	

Name	Input Value
CustBattDiagNtcConfig Str[0].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16
CustBattDiagNtcConfig Str[0].upperVoltage volt u10p6	target upperVoltage volt u10p6
CustBattDiagNtcConfig Str[0].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16
CustBattDiagNtcConfig Str[0].lowerVoltage volt u10p6	target lowerVoltage volt u10p6
CustBattDiagNtcConfig Str[1].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2
CustBattDiagNtcConfig Str[1].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2
CustBattDiagNtcConfig Str[1].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2
CustBattDiagNtcConfig Str[2].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3
CustBattDiagNtcConfig Str[2].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3
CustBattDiagNtcConfig Str[2].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3
CustBattDiagNtcConfig Str[3].upperWindowThresh Cnt u16	target_upperWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target lowerWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig Str[3].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4
CustBattDiagNtcConfig Str[4].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5
CustBattDiagNtcConfig Str[4].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig Str[4].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5
CustBattDiagNtcConfig Str[4].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig Str[5].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig Str[5].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6
CustBattDiagNtcConfig Str[5].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig Str[6].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6 7
CustBattDiagNtcConfig Str[6].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7
CustBattDiagNtcConfig Str[6].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6 7
CustBattDiagNtcConfig Str[6].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5 6 7
CustBattDiagNtcConfig Str[7].upperWindowThresh Cnt u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig Str[7].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7 8
CustBattDiagNtcConfig Str[7].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 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	
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
C LOIDetect Volts u10p6	0
CLOINotDetect Volts u10p6	0
arget CustBattDiag Per1 Batt Volt f32.value	5
arget_Custibationag_FeFr_batt_voit_152.vatide arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	
arget Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32 Current	
arget Rte Inst Ap CustBattDiag.CustBattDiag Per1 Batt Volt f32	target CustBattDiag Per1 Batt Volt f32
arget lowerVoltage volt u10p6	58163
arget 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
CustPattDiagNtcTimer_Str[0] detectWindow_Cnt_M_u32	0	0	-4

target_upperviridow filesii_ont_u fo_z_o_4_o_0_f_o	37331		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	589552193	589552193	•
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	589552193	589552193	~
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	0	0	-

Test Step Call Trace ✓					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	~	
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	•	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	~	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	•	
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	•	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	•	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	•	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	•	

Test Step 2.6 (Repeat Count = 1)		✓
Name	Input Value	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2	





	1		
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 target_upperVoltage_volt_u10p6_2_3		
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target lowerWindowThresh Cnt u16 2 3		
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3		
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target upperWindowThresh Cnt u16 2 3 4	1	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4		
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target lowerWindowThresh Cnt u16 2 3 4		
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4		
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	1 5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5		
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5		
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	}	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6		
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	_	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	_	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6		
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime_DtrmnElapsedTime_mS_u26(ElapsedTime)_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_		ime_DtrmnElapsedTime_mS_u16_ElapsedTir	пе
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag 0		
k_LOIDetect_Volts_u10p6 k_LOINotDetect_Volts_u10p6	0		
target_CustBattDiag_Per1_Batt_Volt_f32.value	14		
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap			
target Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32 Current			
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 target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	58191 5031		
target_upperVoitage_voit_u1opo_2_3_4_5_6_7_6 target_upperWindowThresh_Cnt_u16	8811		
target_upperWindowThresh_Cnt_u16_2	21591		
target_upperWindowThresh_Cnt_u16_2_3	65509		
target upperWindowThresh_Ont_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	Resul
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	

0

0

 $CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32$

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(ElapsedTi	
Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32(CurrentTime)	0 = = = 1 = 0 = 1 = = = 1
Rte Inst Ap CustBattDiag	target Rte Inst Ap CustBattDiag
LOIDetect_Volts_u10p6	0
LOINotDetect Volts u10p6	0
arget CustBattDiag Per1 Batt Volt f32.value	23
arget Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Ela	ap 48445
arget Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32 Curre	
arget Rte Inst Ap CustBattDiag.CustBattDiag Per1 Batt Volt f32	target CustBattDiag Per1 Batt Volt f32
arget lowerVoltage volt u10p6	49504
arget lowerVoltage volt u10p6 2	31066
arget lowerVoltage volt u10p6 2 3	8274
arget lowerVoltage volt u10p6 2 3 4	48816
arget lowerVoltage volt u10p6 2 3 4 5	57043
arget_lowerVoltage_volt_u10p6_2_3_4_5_6	34267
arget 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)		V
Name	Input Value	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	

CustBattDiag_Per1

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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	
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_DtrmnElapsedTime_mS_u16_ElapsedTime	е
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_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	•
Cuolibatibliagitto iiiici_Cu[z].uctostviiidow_cin_iii_ucz		0	•
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	0		
	0	0	•
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32		0 276253625	
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0		•
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0 276253625	276253625	•
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0 276253625 0	276253625 0	~

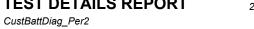
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Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32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

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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

Name	Text
Module 'CustBattDiag'	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	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd</pre>			
Makefile Template	<pre>\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl</pre>			
Target Install Path	\$(ProgramFiles)\pls\UDE 4.4			
Timer Enabled	false			
Timer Prescale	0			
Timer Resolution	1			
Timer Unit	Cycles			
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg			
Workspace File	D:\Synergy_Work_Area\UTP_PSA_CMP_CustBattDiag_Workspace\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP			



Test Case 1: Metrics Test

Description

Vector Description:

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	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2
k_CustBattDiagLOIspd_kph_f32	26.6764164
k_CustBattDiaghispd_kph_f32	497.013062
k_CustBattDiaglospd_kph_f32	483.438477
target_CustBattDiag_Per2_Batt_Volt_f32.value	5
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	0
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	1
target_CustBattDiag_Per2_EngOn_Cnt_Igc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	1
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	
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	
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	
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_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_Igc	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

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Name	Input Value		
$target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lg$	target_CustBattDiag_Per2_ValidEngineStat	tus_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_h	(ph_f32	
target_lowerVoltage_volt_u10p6	262		
target_lowerVoltage_volt_u10p6_2	764		
target_lowerVoltage_volt_u10p6_2_3	546		
target_lowerVoltage_volt_u10p6_2_3_4	838		
target_lowerVoltage_volt_u10p6_2_3_4_5	281		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	800		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	942		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	661		
target_lowerWindowThresh_Cnt_u16	39651		
target lowerWindowThresh Cnt u16 2	42118		
target lowerWindowThresh Cnt u16 2 3	45279		
target lowerWindowThresh Cnt u16 2 3 4	55265		
target lowerWindowThresh Cnt u16 2 3 4 5	4658		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	35760		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	48484		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	46217		
target upperVoltage volt u10p6	633		
target upperVoltage volt u10p6 2	147		
target upperVoltage volt u10p6 2 3	336		
target upperVoltage volt u10p6 2 3 4	145		
target upperVoltage volt u10p6 2 3 4 5	126		
target upperVoltage volt u10p6 2 3 4 5 6	432		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	143		
target upperVoltage volt u10p6 2 3 4 5 6 7 8	883		
target_upperWindowThresh_Cnt_u16	42064		
target_upperWindowThresh_Cnt_u16_2	51058		
target upperWindowThresh Cnt u16 2 3	55265		
target upperWindowThresh Cnt u16 2 3 4	12207		
target upperWindowThresh Cnt u16 2 3 4 5	14862		
target upperWindowThresh Cnt u16 2 3 4 5 6	4635		
target upperWindowThresh Cnt u16 2 3 4 5 6 7	34285		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	56338		
Name	Actual Value	Expected Value	Result
		Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	424818518	424818518	
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	424818518	424818518	
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	424818518	424818518	
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	424818518	424818518	•
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	424818518	424818518	•
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	,
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	1
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	0	0	
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	424818518	424818518	•
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	424818518	424818518	•

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



Test Step 1.2 (Repeat Count = 1)	→
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_upperVoltage_volt_u10p6_2_3 target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperWindowThresh_Cnt_u16_2_3_4_5_6 target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4 5 6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_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) Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime_	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2
k_CustBattDiagLOlspd_kph_f32	196.132172
k_CustBattDiaghispd_kph_f32	298.896301
k_CustBattDiaglospd_kph_f32	283.113831
target_CustBattDiag_Per2_Batt_Volt_f32.value	11.0479345
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	0 1
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value target CustBattDiag_Per2_EtatMT_Cnt_u08.value	11
target CustBattDiag Per2 SttdSelected Cnt Iqc.value	0
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc.value	0
target CustBattDiag Per2 VehicleSpeedValid Cnt Igc.value	
target_CustbattDrag_Fer2_verificeSpeedvalid_Crit_igc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	•
· · · · · · · · · · · · · · · · · · ·	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	0 144.277695 0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	0 144.277695 0 0 2162176534
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	0 144.277695 0 0 2162176534 target_CustBattDiag_Per2_Batt_Voit_f32
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32 target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	0 144.277695 0 0 2162176534 target_CustBattDiag_Per2_Batt_Volt_f32 target_CustBattDiag_Per2_CTerm_Cnt_lgc
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32 target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	0 144.277695 0 0 2162176534 target_CustBattDiag_Per2_Batt_Volt_f32 target_CustBattDiag_Per2_CTerm_Cnt_Igc target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32 target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	0 144.277695 0 0 2162176534 target_CustBattDiag_Per2_Batt_Volt_f32 target_CustBattDiag_Per2_CTerm_Cnt_Igc target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08 target_CustBattDiag_Per2_EngOn_Cnt_Igc
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32 target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	0 144.277695 0 0 2162176534 target_CustBattDiag_Per2_Batt_Volt_f32 target_CustBattDiag_Per2_CTerm_Cnt_Igc target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08 target_CustBattDiag_Per2_EngOn_Cnt_Igc target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32 target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	0 144.277695 0 0 2162176534 target_CustBattDiag_Per2_Batt_Volt_f32 target_CustBattDiag_Per2_CTerm_Cnt_Igc target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08 target_CustBattDiag_Per2_EngOn_Cnt_Igc
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_Batt_Volt_f32 target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_CTerm_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_DmdDelestDa_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_EngOn_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_EtatMT_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_SttdSelected_Cnt_lgc	0 144.277695 0 0 2162176534 target_CustBattDiag_Per2_Batt_Volt_f32 target_CustBattDiag_Per2_CTerm_Cnt_Igc target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08 target_CustBattDiag_Per2_EngOn_Cnt_Igc target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_SttdSelected_Cnt_Igc
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_Batt_Volt_f32 target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_CTerm_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_DmdDelestDa_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_EngOn_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_EtatMT_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_SttdSelected_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc	0 144.277695 0 0 2162176534 target_CustBattDiag_Per2_Batt_Volt_f32 target_CustBattDiag_Per2_CTerm_Cnt_lgc target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08 target_CustBattDiag_Per2_EngOn_Cnt_lgc target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_SttdSelected_Cnt_lgc target_CustBattDiag_Per2_SttdSelected_Cnt_lgc target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_inst_Ap_CustBattDiag_CustBattDiag_Per2_Batt_Volt_f32 target_Rte_inst_Ap_CustBattDiag_CustBattDiag_Per2_CTerm_Cnt_lgc target_Rte_inst_Ap_CustBattDiag_CustBattDiag_Per2_DmdDelestDa_Cnt_u08 target_Rte_inst_Ap_CustBattDiag_CustBattDiag_Per2_EngOn_Cnt_lgc target_Rte_inst_Ap_CustBattDiag_CustBattDiag_Per2_EtatMT_Cnt_u08 target_Rte_inst_Ap_CustBattDiag_CustBattDiag_Per2_SttdSelected_Cnt_lgc target_Rte_inst_Ap_CustBattDiag_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc target_Rte_inst_Ap_CustBattDiag_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	0 144.277695 0 0 2162176534 target_CustBattDiag_Per2_Batt_Volt_f32 target_CustBattDiag_Per2_CTerm_Cnt_lgc target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08 target_CustBattDiag_Per2_EngOn_Cnt_lgc target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_SttdSelected_Cnt_lgc target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeed_Kph_f32 704
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_Batt_Volt_f32 target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_CTerm_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_DmdDelestDa_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_EngOn_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_EtatMT_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_SttdSelected_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_VehicleSpeed_Kph_f32 target_lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2	0 144.277695 0 0 2162176534 target_CustBattDiag_Per2_Batt_Volt_f32 target_CustBattDiag_Per2_CTerm_Cnt_lgc target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08 target_CustBattDiag_Per2_EngOn_Cnt_lgc target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_SttdSelected_Cnt_lgc target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeed_Kph_f32
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_inst_Ap_CustBattDiag_CustBattDiag_Per2_Batt_Volt_f32 target_Rte_inst_Ap_CustBattDiag_CustBattDiag_Per2_CTerm_Cnt_lgc target_Rte_inst_Ap_CustBattDiag_CustBattDiag_Per2_DmdDelestDa_Cnt_u08 target_Rte_inst_Ap_CustBattDiag_CustBattDiag_Per2_EngOn_Cnt_lgc target_Rte_inst_Ap_CustBattDiag_CustBattDiag_Per2_EtatMT_Cnt_u08 target_Rte_inst_Ap_CustBattDiag_CustBattDiag_Per2_SttdSelected_Cnt_lgc target_Rte_inst_Ap_CustBattDiag_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc target_Rte_inst_Ap_CustBattDiag_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_Rte_inst_Ap_CustBattDiag_CustBattDiag_Per2_VehicleSpeed_Kph_f32 target_lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2 target_lowerVoltage_volt_u10p6_2_3	0 144.277695 0 0 2162176534 target_CustBattDiag_Per2_Batt_Volt_f32 target_CustBattDiag_Per2_CTerm_Cnt_lgc target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08 target_CustBattDiag_Per2_EngOn_Cnt_lgc target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_SttdSelected_Cnt_lgc target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeed_Kph_f32 704 517 240
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_Batt_Volt_f32 target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_CTerm_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_DmdDelestDa_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_EngOn_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_EtatMT_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_SttdSelected_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_VehicleSpeed_Kph_f32 target_lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2 target_lowerVoltage_volt_u10p6_2_3 target_lowerVoltage_volt_u10p6_2_3_4	0 144.277695 0 0 2162176534 target_CustBattDiag_Per2_Batt_Volt_f32 target_CustBattDiag_Per2_CTerm_Cnt_lgc target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08 target_CustBattDiag_Per2_EngOn_Cnt_lgc target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_SttdSelected_Cnt_lgc target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeed_Kph_f32 704 517 240 697
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_Batt_Volt_f32 target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_DmdDelestDa_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_EngOn_Cnt_ugc target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_EtatMT_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_SttdSelected_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_VehicleSpeed_Kph_f32 target_lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3 target_lowerVoltage_volt_u10p6_2_3_4 target_lowerVoltage_volt_u10p6_2_3_4_target_lowerVoltage_volt_u10p6_2_3_4_5	0 144.277695 0 0 2162176534 target_CustBattDiag_Per2_Batt_Volt_f32 target_CustBattDiag_Per2_CTerm_Cnt_lgc target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08 target_CustBattDiag_Per2_EngOn_Cnt_lgc target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_SttdSelected_Cnt_lgc target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeed_Kph_f32 704 517 240 697 444
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_Batt_Volt_f32 target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_CTerm_Cnt_Igc target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_DmdDelestDa_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_EngOn_Cnt_Igc target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_EtatMT_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_SttdSelected_Cnt_Igc target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_VehicleSpeed_Kph_f32 target_lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_ target_lowerVoltage_volt_u10p6_2_3_4 target_lowerVoltage_volt_u10p6_2_3_4_5 target_lowerVoltage_volt_u10p6_2_3_4_5 target_lowerVoltage_volt_u10p6_2_3_4_5 target_lowerVoltage_volt_u10p6_2_3_4_5	0 144.277695 0 0 2162176534 target_CustBattDiag_Per2_Batt_Volt_f32 target_CustBattDiag_Per2_CTerm_Cnt_lgc target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08 target_CustBattDiag_Per2_EngOn_Cnt_lgc target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_SttdSelected_Cnt_lgc target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeed_Kph_f32 704 517 240 697 444
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_Batt_Volt_f32 target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_DmdDelestDa_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_DmdDelestDa_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_EtatMT_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_SttdSelected_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_VehicleSpeed_Kph_f32 target_lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3 target_lowerVoltage_volt_u10p6_2_3_4 target_lowerVoltage_volt_u10p6_2_3_4_5 target_lowerVoltage_volt_u10p6_2_3_4_5_6 target_lowerVoltage_volt_u10p6_2_3_4_5_6 target_lowerVoltage_volt_u10p6_2_3_4_5_6 target_lowerVoltage_volt_u10p6_2_3_4_5_6 target_lowerVoltage_volt_u10p6_2_3_4_5_6	0 144.277695 0 0 2162176534 target_CustBattDiag_Per2_Batt_Volt_f32 target_CustBattDiag_Per2_CTerm_Cnt_lgc target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08 target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_SttdSelected_Cnt_lgc target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeed_Kph_f32 704 517 240 697 444 166 179
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_Batt_Volt_f32 target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_DmdDelestDa_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_DmdDelestDa_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_EtatMT_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_SttdSelected_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_VehicleSpeed_Valid_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_VehicleSpeed_Valid_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_VehicleSpeed_Kph_f32 target_lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2 target_lowerVoltage_volt_u10p6_2_3_4 target_lowerVoltage_volt_u10p6_2_3_4_5 target_lowerVoltage_volt_u10p6_2_3_4_5_6 target_lowerVoltage_volt_u10p6_2_3_4_5_6 target_lowerVoltage_volt_u10p6_2_3_4_5_6 target_lowerVoltage_volt_u10p6_2_3_4_5_6 target_lowerVoltage_volt_u10p6_2_3_4_5_6 target_lowerVoltage_volt_u10p6_2_3_4_5_6 target_lowerVoltage_volt_u10p6_2_3_4_5_6 target_lowerVoltage_volt_u10p6_2_3_4_5_6	0 144.277695 0 0 2162176534 target_CustBattDiag_Per2_Batt_Volt_f32 target_CustBattDiag_Per2_CTerm_Cnt_lgc target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08 target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_SttdSelected_Cnt_lgc target_CustBattDiag_Per2_ValidEnginestatus_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeed_Kph_f32 704 517 240 697 444 166 179 111
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_Batt_Volt_f32 target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_DmdDelestDa_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_DmdDelestDa_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_EtatMT_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_SttdSelected_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_VehicleSpeed_Kph_f32 target_lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3 target_lowerVoltage_volt_u10p6_2_3_4 target_lowerVoltage_volt_u10p6_2_3_4_5 target_lowerVoltage_volt_u10p6_2_3_4_5_6 target_lowerVoltage_volt_u10p6_2_3_4_5_6 target_lowerVoltage_volt_u10p6_2_3_4_5_6 target_lowerVoltage_volt_u10p6_2_3_4_5_6 target_lowerVoltage_volt_u10p6_2_3_4_5_6	0 144.277695 0 0 2162176534 target_CustBattDiag_Per2_Batt_Volt_f32 target_CustBattDiag_Per2_CTerm_Cnt_lgc target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08 target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_SttdSelected_Cnt_lgc target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeed_Kph_f32 704 517 240 697 444 166 179

CustBattDiag_Per2

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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 **Actual Value Expected Value** $CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32$ 2162176534 2162176534 CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32 424818518 424818518 2162176534 2162176534 CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32 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 $CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32$ 2162176534 2162176534 $CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32$ 2162176534 2162176534

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	~

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 $CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32$



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==>Min
TS2.10EngOn_Cnt_lgc==>Min
TS2.12EtatMT_Cnt_u08==>Max
TS2.11EtatMT_Cnt_u08==>Max
TS2.13EtatMT_Cnt_u08==>Max
TS2.13EtatMT_Cnt_u08==>Pos
TS2.14SttdSelected_Cnt_lgc==>Min
TS2.15SttdSelected_Cnt_lgc==>Min
TS2.15SttdSelected_Cnt_lgc==>Min
TS2.17ValidEngineStatus_Cnt_lgc==>Min
TS2.17ValidEngineStatus_Cnt_lgc==>Min
TS2.19VehicleSpeedValid_Cnt_lgc==>Min
TS2.20CTerm_Cnt_lgc==>Max
TS2.20CTerm_Cnt_lgc==>Max
TS2.22DmdDelestDa_Cnt_u08==>Min
TS2.21CTerm_Cnt_lgc==>Max
TS2.22DmdDelestDa_Cnt_u08==>Max
TS2.22DmdDelestDa_Cnt_u08==>Pos
TS2.25Rte_Mode_SystemState_Mode==>RTE_MODE_StaMd_Mode_OFF
TS2.27Rte_Mode_SystemState_Mode==>RTE_MODE_StaMd_Mode_OFF
TS2.27Rte_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_OPERATE
TS2.28Rte_Mode_SystemState_Mode==>RTE_MODE_StaMd_Mode_OPERATE
TS2.28Rte_Mode_SystemState_Mode==>RTE_MODE_StaMd_Mode_OPERATE
TS2.28Rte_Mode_SystemState_Mode==>RTE_MODE_StaMd_Mode_WARMINIT
TS2.29Rte_Call_NxtrDiagMgr_GetNTCFailed[3]==>Min
TS2.31Rte_Call_NxtrDiagMgr_GetNTCFailed[3]==>Min
TS2.31Rte_Call_NxtrDiagMgr_GetNTCFailed[3]==>Pos
TS2.33k_CustBattDiaghispd_kph_f32==>Min
TS2.34k_CustBattDiaghispd_kph_f32==>Min
TS2.34k_CustBattDiaghispd_kph_f32==>Min
TS2.37k_CustBattDiaghispd_kph_f32==>Max
TS2.38k_CustBattDiaghospd_kph_f32==>Max
TS2.38k_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
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (Ela$	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

 $\ensuremath{\text{@}}$ Report created by TESSY V3.1.13, report template V2.1

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CustBattDiag Per2 Input Value k_CustBattDiagLOIspd_kph_f32 0 k_CustBattDiaghispd_kph_f32 k CustBattDiaglospd kph f32 0 target_CustBattDiag_Per2_Batt_Volt_f32.value 5 $target_CustBattDiag_Per2_CTerm_Cnt_lgc.value$ 0 target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value 0 target_CustBattDiag_Per2_EngOn_Cnt_lgc.value 0 $target_CustBattDiag_Per2_EtatMT_Cnt_u08.value$ n target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value 0 $target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value$ n target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value $target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value$ 0 target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal 0 $target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap \mid 0$ target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current 0 target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32 target_CustBattDiag_Per2_Batt_Volt_f32 $target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_CTerm_Cnt_lgc$ target_CustBattDiag_Per2_CTerm_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08 target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08 $target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc$ target_CustBattDiag_Per2_EngOn_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_EtatMT_Cnt_u08 $target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_SttdSelected_Cnt_lgc$ target_CustBattDiag_Per2_SttdSelected_Cnt_lgc $target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc$ 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 target_lowerVoltage_volt_u10p6_2 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 n target lowerWindowThresh Cnt u16 0 target_lowerWindowThresh_Cnt_u16_2 n 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 n target_upperVoltage_volt_u10p6_2_3_4_5_6 0 0 target_upperVoltage_volt_u10p6_2_3_4_5_6_7 target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 0 target_upperWindowThresh_Cnt_u16 n 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 0 CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32 0 CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32 0 0 0 CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32 0 CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32 n n CustBattDiagNtcTimer Str[5].notDetectWindow Cnt M u32 0 0 CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32 n 0 CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32 0 0

0

0

0

0

CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32

 $CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32$

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Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	~
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	~
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	•
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	•
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	•
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	•
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	•
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	~

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

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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		
Rte Call Ap CustBattDiag EpsEn OP GET(signal)			
Rte_Call_Ap_CustBattDlag_EpsEn_OP_GET(signal) Rte Call_Ap_CustBattDlag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_EpsEn_C	DP_GET_signal ime_DtrmnElapsedTime_mS_u16_ElapsedTim	20
			ie
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime) Rte_Inst_Ap_CustBattDiag		ime_GetSystemTime_mS_u32_CurrentTime	
	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			
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_lgc	nt 1100	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDelestDa_C	111_UV6	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_Igc	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_Cn		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc	target_CustBattDiag_Per2_ValidEngineStatu		
$target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc$:	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K	ph_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		
	65535		
target_lowerWindowThresh_Cnt_u16_2			
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_upperVollage_voll_u10p0_2_3_4_3_0_1_0 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	· 🗸

CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32

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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	est 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	~

Name	Input Value
CustBattDiagNtcConfig Str[0].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16
CustBattDiagNtcConfig Str[0].upperVoltage volt u10p6	target upperVoltage volt u10p6
CustBattDiagNtcConfig Str[0].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16
CustBattDiagNtcConfig Str[0].lowerVoltage volt u10p6	target lowerVoltage volt u10p6
CustBattDiagNtcConfig Str[1].upperWindowThresh Cnt u16	target_upperWindowThresh Cnt_u16_2
CustBattDiagNtcConfig Str[1].upperVoltage volt u10p6	target upperVoltage volt u10p6 2
CustBattDiagNtcConfig Str[1].lowerWindowThresh Cnt u16	target_lowerWindowThresh Cnt u16 2
CustBattDiagNtcConfig Str[1].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2
CustBattDiagNtcConfig Str[2].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3
CustBattDiagNtcConfig Str[2].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3
CustBattDiagNtcConfig Str[2].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3
CustBattDiagNtcConfig Str[3].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig Str[3].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig Str[3].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4
CustBattDiagNtcConfig Str[4].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5
CustBattDiagNtcConfig Str[4].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig Str[4].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5
CustBattDiagNtcConfig Str[4].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig Str[6].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig Str[6].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5 6 7
CustBattDiagNtcConfig Str[7].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6 7 8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_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(Elap	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(Current	Time) target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
tte_Mode_Ap_CustBattDiag_SystemState_Mode()	2
_CustBattDiagLOIspd_kph_f32	26.6764164
_CustBattDiaghispd_kph_f32	497.013062
C_CustBattDiaglospd_kph_f32	483.438477
arget_CustBattDiag_Per2_Batt_Volt_f32.value	5
arget_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 Igc.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 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_			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u3			
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 Cr		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt			
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_Igc	target_CustBattDiag_Per2_EngOn_Ci		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_C		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_			
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus			
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid			
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph			
target lowerVoltage volt u10p6	262	.coc_npn_ioz	
target_lowerVoltage_volt_u10p6_2	764		
	546		
target_lowerVoltage_volt_u10p6_2_3			
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	Resul
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	
	0	0	
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0		
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32		0	
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	0	0	
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	
Custoatiolagnic filler strjsj.holdetectvvindow CRI IVI U32	U		•

0

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 $CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32$

 $CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32$

 $CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32$

CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32

CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32



Test Step Call Trace	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	~

est Step 2.4 (Repeat Count = 1)	
lame	Input Value
:ustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
ustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
stBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
ustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
ustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
ustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
ustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
ustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
ustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
ustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
stBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
ustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
stBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
stBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
istBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
istBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
ustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target upperWindowThresh Cnt u16 2 3 4 5
ustBattDiagNtcConfig Str[4].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5
ustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
istBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
istBattDiagNtcConfig Str[5].upperWindowThresh Cnt u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
istBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
stBattDiagNtcConfig Str[5].lowerWindowThresh Cnt u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
stBattDiagNtcConfig Str[5].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5 6
stBattDiagNtcConfig Str[6].upperWindowThresh Cnt u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
stBattDiagNtcConfig Str[6].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7
istBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
istBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
istBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
istBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
stBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
stBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
e_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
e_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTir	
e_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
e_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
e_Mode_Ap_CustBattDiag_SystemState_Mode()	3
CustBattDiagLOIspd_kph_f32	267.282623
CustBattDiaghispd_kph_f32	450.106079
CustBattDiaglospd_kph_f32	238.088531
get CustBattDiag Per2 Batt Volt f32.value	31
get_CustBattDiag_Per2_Batt_voit_isz.value get_CustBattDiag_Per2_CTerm_Cnt_lgc.value	1
get_CustbattDiag_Per2_Creffi_Cft_igc.value get_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	1
get_custbattblag_Per2_EngOn_Cnt_lgc.value	0
get_CustBattDiag_Per2_EngOn_Cnt_igc.value get_CustBattDiag_Per2_EtatMT_Cnt_u08.value	13
get_CustBattDiag_Per2_EtatWi1_Ci1_uoo.value	1
0 = 0= = = = = 0	1
get_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	1
rget_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc.value	
rget_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	248.564163

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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_Ci	nt u08	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_Igc	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_Igc	target_CustBattDiag_Per2_SttdSelected_Cni		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc	target_CustBattDiag_Per2_ValidEngineStatu		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc	target_CustBattDiag_Per2_VehicleSpeedVal	id_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kp	ph_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	~
J _ 1,7			



Test Step Call Trace	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
sustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
ustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
sustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
ustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
sustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
custBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
ustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
ustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
ustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
ustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
ustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
ustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target lowerWindowThresh Cnt u16 2 3 4
ustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
ustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target upperWindowThresh Cnt u16 2 3 4 5
ustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5
ustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
ustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
ustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
ustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
ustBattDiagNtcConfig Str[5].lowerWindowThresh Cnt u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
ustBattDiagNtcConfig Str[5].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5 6
ustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
ustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7
ustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
ustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
ustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
ustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
ustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
ustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
te_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
te_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(Elapsed	
te_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTin	
te_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
te_Mode_Ap_CustBattDiag_SystemState_Mode()	3
_CustBattDiagLOlspd_kph_f32	157.935211
_CustBattDiaghispd_kph_f32	253.807526
_CustBattDiaglospd_kph_f32	108.502533
rrget_CustBattDiag_Per2_Batt_Volt_f32.value	10.8097849
rget_CustBattDiag_Per2_CTerm_Cnt_lgc.value	1
rget_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	1
rget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
rget_CustBattDiag_Per2_EtatMT_Cnt_u08.value	12
rget_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
rget_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	0
arget_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc.value	1
arget_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	119.058182
arget_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1

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CustBattDiag_Per2 Input Value target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap 0 target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current 1980048293 target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32 target_CustBattDiag_Per2_Batt_Volt_f32 $target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc$ target_CustBattDiag_Per2_CTerm_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08 target CustBattDiag Per2 DmdDelestDa Cnt u08 $target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_EngOn_Cnt_Igc$ 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 $target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc$ target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc $target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc$ target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeed_Kph_f32 $target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_VehicleSpeed_Kph_f32$ target_lowerVoltage_volt_u10p6 376 target_lowerVoltage_volt_u10p6_2 301 148 target_lowerVoltage_volt_u10p6_2_3 target_lowerVoltage_volt_u10p6_2_3_4 905 580 target_lowerVoltage_volt_u10p6_2_3_4_5 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 962 target upperWindowThresh Cnt u16 2 3 4 5 target_upperWindowThresh_Cnt_u16_2_3_4_5_6 11922 14202 target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7

target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	64967		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1980048293	1980048293	~
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1980048293	1980048293	•
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	1980048293	1980048293	~
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	1980048293	1980048293	✓
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	1980048293	1980048293	~
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	1980048293	1980048293	•
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1980048293	1980048293	~
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	1980048293	1980048293	~
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	1980048293	1980048293	•
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	1980048293	1980048293	~
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1980048293	1980048293	~



Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	~
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	~
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~

Name	Input Value
CustBattDiagNtcConfig Str[0].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target upperVoltage volt u10p6
CustBattDiagNtcConfig Str[0].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh Cnt u16	target_lowerWindowThresh Cnt u16 2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2
CustBattDiagNtcConfig_Str[2].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh Cnt_u16	target_lowerWindowThresh Cnt u16 2 3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3
CustBattDiagNtcConfig_Str[3].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u1upo CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_lowerVoltage_volt_u1upb_2_3_4 target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig_Str[5].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6
· · · · · · · · · · · · · · · · · · ·	target lowerVoltage volt u10p6 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target upperWindowThresh Cnt u16 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_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)	
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
CustBattDiagLOlspd_kph_f32	464.052399
_CustBattDiaghispd_kph_f32	370.123566
_CustBattDiaglospd_kph_f32	120.248634
arget_CustBattDiag_Per2_Batt_Volt_f32.value	22.2732143
arget_CustBattDiag_Per2_CTerm_Cnt_lgc.value	1
arget_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	0
arget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
arget_CustBattDiag_Per2_EtatMT_Cnt_u08.value	10
arget_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
arget_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	0
arget_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1

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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_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_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc target_CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	
target_Rte_Inst_Ap_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 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 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 V	/alue 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	~
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	~
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32 1664588153 1664588153	~
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32 1664588153 1664588153	
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32 1664588153 1664588153	
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32 1664588153 1664588153	•



Test Step Call Trace				V
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	~

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target upperWindowThresh Cnt u16
CustBattDiagNtcConfig Str[0].upperVoltage volt u10p6	target upperVoltage volt u10p6
CustBattDiagNtcConfig Str[0].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2
CustBattDiagNtcConfig_Str[2].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
	target_uppervoitage_voit_u1opo_z_s target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_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(Elaps	edTim target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentT	ime) 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
CustBattDiagLOIspd_kph_f32	290.471466
CustBattDiaghispd_kph_f32	391.668396
CustBattDiaglospd_kph_f32	313.860718
arget_CustBattDiag_Per2_Batt_Volt_f32.value	25.0263004
arget_CustBattDiag_Per2_CTerm_Cnt_lgc.value	T.
arget_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	0
arget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
arget_CustBattDiag_Per2_EtatMT_Cnt_u08.value	4
arget CustBattDiag Per2 SttdSelected Cnt Igc.value	0
arget CustBattDiag Per2 ValidEngineStatus Cnt Igc.value	1
arget_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0





Name	Input Value		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	512		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_usubsetedTime_mS_usubsetedTime_ms_usubseted$	J16_Elap 0		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u3222222222222222222222222222222222222$	_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_CTe	rm_Cnt_lgc	
$target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_DmdDelestDa_Cnt_Inst_Results (Ap_CustBattDiag_Per2_DmdDelestDa_Cnt_Inst_Results (Ap_CustBattDiag_Per2_DmdDelestDa_Cnt_DelestDa_Cn$	_u08 target_CustBattDiag_Per2_Dmd	dDelestDa_Cnt_u08	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_Eng	On_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_Etat	MT_Cnt_u08	
$target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_SttdSelected_Cnt_Iq$	gc target_CustBattDiag_Per2_Sttd	Selected_Cnt_lgc	
$target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Inst_Ap_CustBattDiag_Per2_ValidEngineSta$			
$target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Inst_Ap_CustBattDiag_Per2_VehicleSpeedVa$	_Cnt_lgc target_CustBattDiag_Per2_Veh	icleSpeedValid_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_		icleSpeed_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	I=	1
Name	Actual Value	Expected Value	Resul
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	4234667588	4234667588	•
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	4234667588	4234667588	•
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	4234667588	4234667588	•
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	4234667588	4234667588	•
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	4234667588	4234667588	
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	4234667588	4234667588	•
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	4234667588	4234667588	•
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	4234667588	4234667588	•
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	1664588153	1664588153	•
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	4234667588	4234667588	•
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	4234667588	4234667588	•
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	4234667588	4234667588	•



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

Test Step 2.8 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2
CustBattDiagNtcConfig Str[1].lowerWindowThresh Cnt u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig Str[1].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2
CustBattDiagNtcConfig Str[2].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target lowerWindowThresh Cnt u16 2 3
CustBattDiagNtcConfig Str[2].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3
CustBattDiagNtcConfig Str[3].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target lowerWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4
CustBattDiagNtcConfig Str[4].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig Str[4].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig_Str[5].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig Str[5].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_lowerVoltage_volt_u10p6_2_3_4_5_6 target_upperWindowThresh Cnt u16 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7
0 02 11 11 02 2 1	target lowerWindowThresh Cnt u16 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_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_ns_u16(ElapsedTim	V
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





Name	Input Value		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	207.460205		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSu$	ар 0		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current and the property of $	ent 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_Igc	target_CustBattDiag_Per2_CTerm_Cnt_lg	jc	
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_lc	jc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u	108	
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_lg	target_CustBattDiag_Per2_ValidEngineSt	atus_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lo	c target_CustBattDiag_Per2_VehicleSpeed	Valid_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	Resul
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].netDetectWindow_Cnt_M_u32	4234667588	4234667588	
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	0	0	
	0	0	
	· ·		
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	1664599153	1664599153	
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	1664588153	1664588153	
0 = 17 = = =	1664588153 4188669751 4188669751	1664588153 4188669751 4188669751	



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

Input Value
target_upperWindowThresh_Cnt_u16
target_upperVoltage_volt_u10p6
target_lowerWindowThresh_Cnt_u16
target_lowerVoltage_volt_u10p6
target_upperWindowThresh_Cnt_u16_2
target_upperVoltage_volt_u10p6_2
target_lowerWindowThresh_Cnt_u16_2
target_lowerVoltage_volt_u10p6_2
target_upperWindowThresh_Cnt_u16_2_3
target_upperVoltage_volt_u10p6_2_3
target_lowerWindowThresh_Cnt_u16_2_3
target_lowerVoltage_volt_u10p6_2_3
target_upperWindowThresh_Cnt_u16_2_3_4
target_upperVoltage_volt_u10p6_2_3_4
target_lowerWindowThresh_Cnt_u16_2_3_4
target_lowerVoltage_volt_u10p6_2_3_4
target upperWindowThresh Cnt u16 2 3 4 5
target upperVoltage volt u10p6 2 3 4 5
target_lowerWindowThresh_Cnt_u16_2_3_4_5
target_lowerVoltage_volt_u10p6_2_3_4_5
target_upperWindowThresh_Cnt_u16_2_3_4_5_6
target_upperVoltage_volt_u10p6_2_3_4_5_6
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
target lowerVoltage volt u10p6 2 3 4 5 6
target upperWindowThresh Cnt u16 2 3 4 5 6 7
target upperVoltage volt u10p6 2 3 4 5 6 7
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
target_Rte_Inst_Ap_CustBattDiag 4
251.419098
55.9911919
440.437439
19.7072048
0
0
0
5
0
1
0
452.458527





Name	Input Value		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Ela	ap 0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Curre	nt 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 C	nt Igc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDeles	stDa Cnt u08	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_C		
target Rte Inst Ap CustBattDiag.CustBattDiag Per2 EtatMT Cnt u08	target_CustBattDiag_Per2_EtatMT_C	 	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_Igc	target_CustBattDiag_Per2_SttdSelect		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_Igo			
target Rte Inst Ap CustBattDiag.CustBattDiag Per2 VehicleSpeedValid Cnt Ig			
target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_VehicleSpeed_Kph_f32	target CustBattDiag Per2 VehicleSp		
target lowerVoltage volt u10p6	843	<u>-</u>	
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		
	740		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 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	
0 = 1.7 = = = =			
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	<u> </u>
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	1935504216	1935504216	
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1935504216	1935504216	~



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

Test Step 2.10 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1
k_CustBattDiagLOIspd_kph_f32	24.4420128
k_CustBattDiaghispd_kph_f32	297.330994
k_CustBattDiaglospd_kph_f32	320.450775
target_CustBattDiag_Per2_Batt_Volt_f32.value	28.8219948
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	0
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	0
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	5
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1





Name	Input Value		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	506.108276		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_EupsedTime_mS_u$	Elap 0		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current Control of the control$	rent 3623021652		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f3	2	
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_DmdDelestE	Da_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	d_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_I	gc target_CustBattDiag_Per2_ValidEngine	Status_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_			
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpee		
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		
	862		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	43330		
target_upperVoltage_volt_u10p6			
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	Resu
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	
	3623021652	3623021652	
CustBattDiagNtcTimer_Str[6] detectWindow_Cnt_M_u32		0020021002	
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[6] notDetectWindow_Cnt_M_u32		3623021652	
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3623021652 3623021652	3623021652 3623021652	



Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	~
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	~
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~

Test Step 2.11 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1
k_CustBattDiagLOlspd_kph_f32	116.082245
k_CustBattDiaghispd_kph_f32	498.151794
k_CustBattDiaglospd_kph_f32	394.442841
target_CustBattDiag_Per2_Batt_Volt_f32.value	13.2565918
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	1.
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	1
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	0
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0

CustBattDiag Per2

2018-05-17, 14:24:46+0530

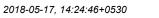


Input Value target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value 305.454041 $target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal$ target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap 0 target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current 756272949 target CustBattDiag Per2 Batt Volt f32 target Rte Inst Ap CustBattDiag.CustBattDiag Per2 Batt Volt f32 target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_Igc target_CustBattDiag_Per2_CTerm_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08 target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08 $target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_Igc$ 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 Igc $target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc$ 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_2 551 960 target_lowerVoltage_volt_u10p6_2_3 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 29268 target_upperVoltage_volt_u10p6_2_3_4_5_6_7 target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 24647 target_upperWindowThresh_Cnt_u16 57046 target_upperWindowThresh_Cnt_u16_2 37868 60628 target upperWindowThresh Cnt u16 2 3 target_upperWindowThresh_Cnt_u16_2_3_4 31392 46780 target_upperWindowThresh_Cnt_u16_2_3_4_5 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 **Expected Value** Name **Actual 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 756272949 756272949 CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32 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 Λ 0 CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32 0 3623021652 3623021652 $CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32$ CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32 756272949 756272949 CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32 756272949 756272949 CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32 756272949 756272949



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

stBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	Input Value target_upperWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16 target_lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6 target_upperWindowThresh_Cnt_u16_2 target_upperWindowThresh_Cnt_u16_2 target_lowerVoltage_volt_u10p6_2 target_lowerVoltage_volt_u10p6_2 target_lowerVoltage_volt_u10p6_2 target_upperWindowThresh_Cnt_u16_2_3 target_upperVindowThresh_Cnt_u16_2_3 target_lowerVoltage_volt_u10p6_2_3 target_lowerVoltage_volt_u10p6_2_3 target_upperWindowThresh_Cnt_u16_2_3_4 target_upperVindowThresh_Cnt_u16_2_3_4 target_lowerVoltage_volt_u10p6_2_3_4 target_lowerVoltage_volt_u10p6_2_3_4 target_upperWindowThresh_Cnt_u16_2_3_4_5 target_upperVindowThresh_Cnt_u16_2_3_4_5 target_lowerVindowThresh_Cnt_u16_2_3_4_5 target_lowerVindowThresh_Cnt_u16_2_3_4_5 target_lowerVindowThresh_Cnt_u16_2_3_4_5 target_lowerVindowThresh_Cnt_u16_2_3_4_5 target_lowerVindowThresh_Cnt_u16_2_3_4_5 target_lowerVindowThresh_Cnt_u16_2_3_4_5 target_upperWindowThresh_Cnt_u16_2_3_4_5 target_upperWindowThresh_Cnt_u16_2_3_4_5 target_upperWindowThresh_Cnt_u16_2_3_4_5 target_upperWindowThresh_Cnt_u16_2_3_4_5 target_upperWindowThresh_Cnt_u16_2_3_4_5 target_upperWindowThresh_Cnt_u16_2_3_4_5
stBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6 stBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6 stBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6 stBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[3].upperVindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[3].upperVindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[4].upperVindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[4].upperVindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[5].upperVindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[5].upperVindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[5].upperVindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[5].upperVindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[6].upperVindowThresh_Cnt_u16	target_upperVoltage_volt_u10p6 target_lowerWindowThresh_Cnt_u16 target_lowerVoltage_volt_u10p6 target_upperWindowThresh_Cnt_u16_2 target_upperVoltage_volt_u10p6_2 target_lowerVoltage_volt_u10p6_2 target_lowerVoltage_volt_u10p6_2 target_upperWindowThresh_Cnt_u16_2_3 target_upperVoltage_volt_u10p6_2_3 target_lowerVoltage_volt_u10p6_2_3 target_lowerVoltage_volt_u10p6_2_3 target_lowerVoltage_volt_u10p6_2_3 target_lowerVoltage_volt_u10p6_2_3 target_lowerVoltage_volt_u10p6_2_3 target_lowerVoltage_volt_u10p6_2_3_4 target_upperVindowThresh_Cnt_u16_2_3_4 target_lowerVindowThresh_Cnt_u16_2_3_4 target_lowerVoltage_volt_u10p6_2_3_4_5 target_upperVoltage_volt_u10p6_2_3_4_5 target_lowerVindowThresh_Cnt_u16_2_3_4_5 target_lowerVindowThresh_Cnt_u16_2_3_4_5 target_lowerVindowThresh_Cnt_u16_2_3_4_5 target_lowerVindowThresh_Cnt_u16_2_3_4_5 target_upperWindowThresh_Cnt_u16_2_3_4_5 target_upperWindowThresh_Cnt_u16_2_3_4_5 target_upperWindowThresh_Cnt_u16_2_3_4_5 target_upperWindowThresh_Cnt_u16_2_3_4_5 target_upperWindowThresh_Cnt_u16_2_3_4_5
stBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_lowerVindowThresh_Cnt_u16 target_lowerVoltage_volt_u10p6 target_upperWindowThresh_Cnt_u16_2 target_upperVindowThresh_Cnt_u16_2 target_lowerVoltage_volt_u10p6_2 target_lowerVoltage_volt_u10p6_2 target_upperVindowThresh_Cnt_u16_2_3 target_upperVoltage_volt_u10p6_2_3 target_lowerVoltage_volt_u10p6_2_3 target_lowerVoltage_volt_u10p6_2_3 target_lowerVoltage_volt_u10p6_2_3 target_lowerVoltage_volt_u10p6_2_3 target_lowerVoltage_volt_u10p6_2_3_4 target_upperVindowThresh_Cnt_u16_2_3_4 target_lowerVindowThresh_Cnt_u16_2_3_4 target_lowerVindowThresh_Cnt_u16_2_3_4 target_upperVindowThresh_Cnt_u16_2_3_4_5 target_upperVindowThresh_Cnt_u16_2_3_4_5 target_lowerVindowThresh_Cnt_u16_2_3_4_5 target_lowerVindowThresh_Cnt_u16_2_3_4_5 target_lowerVindowThresh_Cnt_u16_2_3_4_5 target_lowerVindowThresh_Cnt_u16_2_3_4_5 target_upperWindowThresh_Cnt_u16_2_3_4_5 target_upperWindowThresh_Cnt_u16_2_3_4_5 target_upperVindowThresh_Cnt_u16_2_3_4_5
stBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6 stBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6 stBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6 stBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6 stBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[4].upperVindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6 stBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6 stBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6 stBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6 stBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6 stBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6 stBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6 stBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6 stBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6 stBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6 stBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6 stBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6 stBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6 stBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6 target_upperWindowThresh_Cnt_u16_2 target_upperVoltage_volt_u10p6_2 target_lowerWindowThresh_Cnt_u16_2 target_lowerVoltage_volt_u10p6_2 target_upperWindowThresh_Cnt_u16_2_3 target_upperVoltage_volt_u10p6_2_3 target_lowerVoltage_volt_u10p6_2_3 target_lowerVoltage_volt_u10p6_2_3 target_lowerVoltage_volt_u10p6_2_3_4 target_upperVoltage_volt_u10p6_2_3_4 target_upperVoltage_volt_u10p6_2_3_4 target_lowerVindowThresh_Cnt_u16_2_3_4 target_lowerVindowThresh_Cnt_u16_2_3_4 target_lowerVoltage_volt_u10p6_2_3_4_5 target_upperVoltage_volt_u10p6_2_3_4_5 target_lowerVindowThresh_Cnt_u16_2_3_4_5 target_lowerVindowThresh_Cnt_u16_2_3_4_5 target_lowerVindowThresh_Cnt_u16_2_3_4_5 target_upperWindowThresh_Cnt_u16_2_3_4_5 target_upperWindowThresh_Cnt_u16_2_3_4_5 target_upperWindowThresh_Cnt_u16_2_3_4_5 target_upperWindowThresh_Cnt_u16_2_3_4_5 target_upperWindowThresh_Cnt_u16_2_3_4_5
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stBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6 stBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6 stBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6 stBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_lowerVoltage_volt_u10p6_2_3_4 target_upperWindowThresh_Cnt_u16_2_3_4_5 target_upperVoltage_volt_u10p6_2_3_4_5 target_lowerWindowThresh_Cnt_u16_2_3_4_5 target_lowerVoltage_volt_u10p6_2_3_4_5 target_upperWindowThresh_Cnt_u16_2_3_4_5 target_upperVoltage_volt_u10p6_2_3_4_5_6 target_upperVoltage_volt_u10p6_2_3_4_5_6
stBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6 stBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6 stBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6 stBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperWindowThresh_Cnt_u16_2_3_4_5 target_upperVoltage_volt_u10p6_2_3_4_5 target_lowerWindowThresh_Cnt_u16_2_3_4_5 target_lowerVoltage_volt_u10p6_2_3_4_5 target_upperWindowThresh_Cnt_u16_2_3_4_56 target_upperVoltage_volt_u10p6_2_3_4_5_6
stBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6 stBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6 stBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6 stBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5 target_lowerWindowThresh_Cnt_u16_2_3_4_5 target_lowerVoltage_volt_u10p6_2_3_4_5 target_upperWindowThresh_Cnt_u16_2_3_4_5_6 target_upperVoltage_volt_u10p6_2_3_4_5_6
stBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6 stBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6 stBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6 stBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_lowerWindowThresh_Cnt_u16_2_3_4_5 target_lowerVoltage_volt_u10p6_2_3_4_5 target_upperWindowThresh_Cnt_u16_2_3_4_5_6 target_upperVoltage_volt_u10p6_2_3_4_5_6
stBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6 stBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6 stBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5 target_upperWindowThresh_Cnt_u16_2_3_4_5_6 target_upperVoltage_volt_u10p6_2_3_4_5_6
stBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6 stBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6 stBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5 target_upperWindowThresh_Cnt_u16_2_3_4_5_6 target_upperVoltage_volt_u10p6_2_3_4_5_6
stBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6 stBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6 stBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperWindowThresh_Cnt_u16_2_3_4_5_6 target_upperVoltage_volt_u10p6_2_3_4_5_6
stBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6 stBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6 stBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperVoltage_volt_u10p6_2_3_4_5_6
stBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6 stBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	
stBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6 stBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
stBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6 stBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4 5 6
stBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6 stBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target upperWindowThresh Cnt u16 2 3 4 5 6 7
stBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7
stBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 stBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
stBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16 stBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
stBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
stBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
	target_nower voltage_volt_u ropo_2_3_4_5_6_7_6 target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
	target_Rte_Inst_Ap_CustBattDiag 3
, ,	
0 1 1 1	339.725555
0	342.628601
0 1 1 1	324.396851
,	26.2572422
	0
,	0
get_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
	15
, = = = = = = = = = = = = = = = = = = =	0
,	1
, = 0= = 1 = =0	0
get_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	12.1294603





Name	Input Value		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Ela	•		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Curre			
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_0		
target Rte Inst Ap CustBattDiag.CustBattDiag Per2 EngOn Cnt Igc	target CustBattDiag Per2 EngOn Cnt Igo		
target Rte Inst Ap CustBattDiag.CustBattDiag Per2 EtatMT Cnt u08	target_CustBattDiag_Per2_EtatMT_Cnt_u0		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_Igc	target_CustBattDiag_Per2_SttdSelected_C		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_Igo			
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Ig			
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_h		
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
		•	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	2364662404 2364662404	2364662404 2364662404	-
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32		2364662404	
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2364662404		~
= = = =	2364662404	2364662404	Ž
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2364662404	2364662404	V
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2364662404	2364662404	
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	2364662404	2364662404	✓
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2364662404	2364662404	
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2364662404	2364662404	•
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2364662404	2364662404	~
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2364662404	2364662404	· ·
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	756272949	756272949	~



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	•
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	•
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	•
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	•
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	•
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	-

Test Step 2.13 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target lowerWindowThresh Cnt u16 2 3
CustBattDiagNtcConfig Str[2].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3
CustBattDiagNtcConfig Str[3].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target lowerWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4
CustBattDiagNtcConfig Str[4].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig Str[4].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig Str[5].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig Str[5].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target lowerWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig Str[6].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6 7
CustBattDiagNtcConfig Str[6].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target lowerWindowThresh Cnt u16 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig Str[7].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6 7 8
CustBattDiagNtcConfig Str[7].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7 8
CustBattDiagNtcConfig Str[7].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6 7 8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte Call Ap CustBattDiag EpsEn OP GET(signal)	target Rte Call Ap CustBattDiag EpsEn OP GET signal
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTim	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag Rte Mode Ap CustBattDiag SystemState Mode()	target_Rte_Inst_Ap_CustBattDiag
k CustBattDiagLOIspd kph f32	247.524536
	60.1050873
k_CustBattDiaghispd_kph_f32	232.84552
k_CustBattDiaglospd_kph_f32	1 1 11
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	
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	12
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value target CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	
rarger i lightenti liag Peri ValigengineStatus ("nt ligevalue	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1

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Name	Input Value		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	178.792084		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_EupsedTime_mS_u$	Elap 0		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current Control of the control$	rent 773510415		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Vol	t_f32	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_CTerm_0	Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDele		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_Igc	target_CustBattDiag_Per2_EngOn_0		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_	_	
target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSele		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_I			
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_	· · · · · · · ·		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleS	peed_Kpn_f32	
target_lowerVoltage_volt_u10p6	990		
target_lowerVoltage_volt_u10p6_2	959		
target_lowerVoltage_volt_u10p6_2_3 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 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	Resul
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	773510415	773510415	•
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	773510415	773510415	•
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	773510415	773510415	•
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	773510415	773510415	•
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	773510415	773510415	•
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	773510415	773510415	•
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	2364662404	2364662404	
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2364662404	2364662404	•
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2364662404	2364662404	
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	773510415	773510415	•
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	773510415	773510415	•
CustBattDiagNtcTimer Str[7].notDetectWindow Cnt M u32	773510415	773510415	



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

Test Step 2.14 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig Str[0].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16
CustBattDiagNtcConfig Str[0].lowerVoltage volt u10p6	target lowerVoltage volt u10p6
CustBattDiagNtcConfig Str[1].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig Str[1].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2
CustBattDiagNtcConfig Str[1].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2
CustBattDiagNtcConfig Str[2].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3
CustBattDiagNtcConfig Str[2].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig Str[2].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3
CustBattDiagNtcConfig Str[3].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig Str[3].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4
CustBattDiagNtcConfig Str[4].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5
CustBattDiagNtcConfig Str[4].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig Str[4].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5
CustBattDiagNtcConfig Str[4].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig Str[5].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
$Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)$	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1
k_CustBattDiagLOIspd_kph_f32	217.466568
k_CustBattDiaghispd_kph_f32	384.945709
k_CustBattDiaglospd_kph_f32	185.897675
target_CustBattDiag_Per2_Batt_Volt_f32.value	20.4658451
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	0
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	1
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	8
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	499.401703
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1

CustBattDiag Per2

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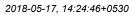


Input Value target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap 0 target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current 384192508 target CustBattDiag Per2 Batt Volt f32 target Rte Inst Ap CustBattDiag.CustBattDiag Per2 Batt Volt f32 $target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc$ 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_Igc 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 $target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc$ target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc 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 $target_lowerVoltage_volt_u10p6$ target_lowerVoltage_volt_u10p6_2 1005 target_lowerVoltage_volt_u10p6_2_3 target_lowerVoltage_volt_u10p6_2_3_4 508 215 target_lowerVoltage_volt_u10p6_2_3_4_5 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 58175 target_upperVoltage_volt_u10p6_2_3_4 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 24998 target upperWindowThresh Cnt u16 2 3 4 5 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 384192508 384192508 CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32 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 CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32 0 0 CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32 2364662404 2364662404 CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32 384192508 384192508 CustBattDiagNtcTimer Str[7].detectWindow Cnt M u32 384192508 384192508 CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32 384192508 384192508



Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	•
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	~
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	~
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	•
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	•

Name	Input Value
CustBattDiagNtcConfig Str[0].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16
CustBattDiagNtcConfig Str[0].upperVoltage volt u10p6	target upperVoltage volt u10p6
CustBattDiagNtcConfig Str[0].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6
CustBattDiagNtcConfig Str[1].upperWindowThresh Cnt u16	target_upperWindowThresh Cnt u16 2
CustBattDiagNtcConfig Str[1].upperVoltage volt u10p6	target upperVoltage volt u10p6 2
CustBattDiagNtcConfig Str[1].lowerWindowThresh Cnt u16	target_lowerWindowThresh Cnt u16 2
CustBattDiagNtcConfig Str[1].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2
CustBattDiagNtcConfig Str[2].upperWindowThresh Cnt u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig Str[2].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3
CustBattDiagNtcConfig Str[2].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3
CustBattDiagNtcConfig Str[2].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3
CustBattDiagNtcConfig Str[3].upperWindowThresh Cnt u16	target_upperWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh Cnt u16	target_lowerWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig_Str[3].lowerVnltdowTriestr_Crit_uT0	target lowerVoltage volt u10p6 2 3 4
CustBattDiagNtcConfig_Str[4].upperWindowThresh Cnt u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig Str[4].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5
CustBattDiagNtcConfig Str[4].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig_Str[5].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5 6
CustBattDiagNtcConfig Str[5].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4 5 6
CustBattDiagNtcConfig_Str[6].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target upperWindowThresh Cnt u16 2 3 4 5 6 7 8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7 8
custBattDiagNtcConfig_Str[7].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6 7 8
CustBattDiagNtcConfig_Str[7].lowerVolltage_volt_u10p6	
Rte Call Ap CustBattDiag EpsEn OP GET(signal)	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
kte_Call_Ap_CustBattDlag_EpsEn_OP_GE1(signal) Rte_Call_Ap_CustBattDlag_SystemTime_DtrmnElapsedTime_mS_u16(Elapsec	
tte_Call_Ap_CustbattDiag_SystemTime_DitfiniEtapsedTime_inS_u16(Etapsed tte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTim	
tte_call_Ap_custbattDiag_system+line_Getsystem+line_ms_usz(current+lin tte_Inst_Ap_custBattDiag	target Rte Inst Ap CustBattDiag
	4
tte_Mode_Ap_CustBattDiag_SystemState_Mode() CustBattDiagLOIspd kph f32	339.789154
_CustBattDlaghlorspo_kpn_t32 CustBattDlaghlspd kph f32	262.878601
	86.3215485
_CustBattDiaglospd_kph_f32	
arget_CustBattDiag_Per2_Batt_Volt_f32.value	19.7072048
arget_CustBattDiag_Per2_CTerm_Cnt_lgc.value	
arget_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	-
arget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	3
arget_CustBattDiag_Per2_EtatMT_Cnt_u08.value	
arget_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
arget_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value arget CustBattDiag Per2 VehicleSpeedValid Cnt lgc.value	0





Name	Input Value			
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	247.761032			
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1	1		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16$	s_Elap 0			
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Color = 0.0000000000000000000000000000000000$	urrent 4246247395			
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_V	olt_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	8 target_CustBattDiag_Per2_DmdDe	elestDa_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_SttdSe			
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt				
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cn				
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32		Speed_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 57202			
target_lowerWindowThresh_Cnt_u16_2_3_4_5 target_lowerWindowThresh_Cnt_u16_2_3_4_5 6	13153			
	35577			
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 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	•	



Test Step Call Trace				V
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
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (Ela$	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4
k_CustBattDiagLOIspd_kph_f32	399.648529
k_CustBattDiaghispd_kph_f32	168.871094
k_CustBattDiaglospd_kph_f32	201.990463
target_CustBattDiag_Per2_Batt_Volt_f32.value	16.6311455
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	0
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	1
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	9
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	216.068512
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1





Name	Input Value					
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap	•					
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current						
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_lgc					
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target CustBattDiag Per2 DmdDelestDa C	Cnt u08				
target Rte Inst Ap CustBattDiag.CustBattDiag Per2 EngOn Cnt Igc	target_CustBattDiag_Per2_EngOn_Cnt_lgc					
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08		arget_CustBattDiag_Per2_EtatMT_Cnt_u08				
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_Igc	target_CustBattDiag_Per2_SttdSelected_Cr					
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc	target_CustBattDiag_Per2_ValidEngineStatu	us_Cnt_lgc				
$target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc$	target_CustBattDiag_Per2_VehicleSpeedVa	ılid_Cnt_lgc				
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K	ph_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	V			
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	V			
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2364662404	2364662404	~			
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	1997622479	1997622479	-			
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	1997622479	1997622479	~			
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1997622479	1997622479	•			



Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	~
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	•
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	-
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~

Test Step 2.17 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	3
k_CustBattDiagLOIspd_kph_f32	210.002106
k_CustBattDiaghispd_kph_f32	71.8588562
k_CustBattDiaglospd_kph_f32	443.847565
target_CustBattDiag_Per2_Batt_Volt_f32.value	29.7746296
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	1
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	1
target_CustBattDiag_Per2_EngOn_Cnt_Igc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	14
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	253.606369
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1



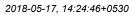


Name	Input Value					
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	•					
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current						
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32					
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_Igc		arget_CustBattDiag_Per2_CTerm_Cnt_lgc				
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDelestDa_C	Cnt_u08				
target Rte Inst Ap CustBattDiag.CustBattDiag Per2 EngOn Cnt Igc	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_Cr					
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc	target_CustBattDiag_Per2_ValidEngineStat	us_Cnt_lgc				
$target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc$	target_CustBattDiag_Per2_VehicleSpeedVa	alid_Cnt_lgc				
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_k	(ph_f32				
target_lowerVoltage_volt_u10p6	722	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	From a set of Walters	December			
Name	Actual Value	Expected Value	Result			
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1675319290	1675319290	- 4			
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 CustBattDiagNtcTimer Str[3].notDetectWindow Cnt M u32	0	0	~			
CustBattDiagNtcTimer_Str[4].detectWindow_Crit_M_u32 CustBattDiagNtcTimer_Str[4].detectWindow_Crit_M_u32	1675319290	1675319290				
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	1675319290	1675319290	~			
CustBattDiagNtcTimer Str[5].detectWindow Cnt M u32	0	0				
CustBattDiagNtcTimer Str[5].notDetectWindow Cnt M u32	0	0	-			
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2364662404	2364662404				
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	1675319290	1675319290	~			
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	1675319290	1675319290	-			
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1675319290	1675319290	~			



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	•
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	•
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	•
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	•
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	•
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	-

Test Step 2.18 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1
k_CustBattDiagLOIspd_kph_f32	209.081436
k_CustBattDiaghispd_kph_f32	378.111084
k_CustBattDiaglospd_kph_f32	192.754654
target_CustBattDiag_Per2_Batt_Volt_f32.value	16.6021767
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	0
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	1
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	6
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0



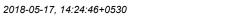


Name	Input Value		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	202.196823		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E	lap 0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Curre	ent 3450440717		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_t	f32	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_Igc	target_CustBattDiag_Per2_CTerm_Cr	nt_lgc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDeles	tDa_Cnt_u08	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cr	nt_lgc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Ci		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelecte		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_Ig	_ · - · · ·		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Iq			
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpe	eed_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 52019		
target_upperVoltage_volt_u10p6_2_3_4_5_6	32630		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	22488		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 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	Resul
CustBattDiagNtcTimer Str[0].detectWindow Cnt M u32	3450440717	3450440717	Resul
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_w_u32	3450440717	3450440717	
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	3450440717	3450440717	
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer Str[2].detectWindow Cnt M u32	3450440717 3450440717	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	3450440717	3450440717	
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer Str[4].notDetectWindow Cnt M u32	3450440717		
0 = 1.7 = = =	1 11 1	3450440717	
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2364662404	0	
QuetPattDiagNtoTimer_Str[6] detect\Mindow_Cat_A4_v22	LZ-30400Z4U4	2364662404	, , , , , , , , , , , , , , , , , , ,
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32		2450440747	
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3450440717 3450440717	3450440717 3450440717	



Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	•
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	~
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	~
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	•
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~

lame	Input Value
sustBattDiagNtcConfig Str[0].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16
sustBattDiagNtcConfig Str[0].upperVoltage volt u10p6	target upperVoltage volt u10p6
sustBattDiagNtcConfig Str[0].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16
sustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6
sustBattDiagNtcConfig Str[1].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2
sustBattDiagNtcConfig Str[1].upperVoltage volt u10p6	target upperVoltage volt u10p6 2
sustBattDiagNtcConfig Str[1].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2
sustBattDiagNtcConfig Str[1].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2
sustBattDiagNtcConfig Str[2].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3
sustBattDiagNtcConfig Str[2].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3
sustBattDiagNtcConfig Str[2].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3
sustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3
sustBattDiagNtcConfig Str[3].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4
sustBattDiagNtcConfig Str[3].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4
sustBattDiagNtcConfig_Str[3].lowerWindowThresh Cnt_u16	target lowerWindowThresh Cnt u16 2 3 4
sustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4
sustBattDiagNtcConfig_Str[4].upperWindowThresh Cnt u16	target_upperWindowThresh_Cnt_u162_3_4_5
sustBattDiagNtcConfig Str[4].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5
sustBattDiagNtcConfig_Str[4].lowerWindowThresh Cnt_u16	target lowerWindowThresh Cnt u16 2 3 4 5
sustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4 5
custBattDiagNtcConfig_Str[5].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6
custBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5 6
sustBattDiagNtcConfig_Str[5].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6
custBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4 5 6
custBattDiagNtcConfig_Str[6].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6 7
custBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7
custBattDiagNtcConfig_Str[6].lowerWindowThresh Cnt u16	target_lowerWindowThresh Cnt u16 2 3 4 5 6 7
sustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4 5 6 7
· · · · · · · · · · · · · · · · · · ·	
sustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
sustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
sustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
sustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
tte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
tte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTir	327 2 2 2 2 3
tte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
tte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
tte_Mode_Ap_CustBattDiag_SystemState_Mode()	1
_CustBattDiagLOlspd_kph_f32	21.9076004
_CustBattDiaghispd_kph_f32	233.416443
_CustBattDiaglospd_kph_f32	0.0667701736
arget_CustBattDiag_Per2_Batt_Volt_f32.value	13.8913221
arget_CustBattDiag_Per2_CTerm_Cnt_lgc.value	0
arget_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	0
arget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
arget_CustBattDiag_Per2_EtatMT_Cnt_u08.value	12
arget_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
arget CustBattDiag Per2 ValidEngineStatus Cnt Igc.value	0



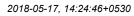


Name	Input Value		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	236.968155		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u1$	6_Elap 0		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_ususususususususususususususususususus$	Current 3306280184		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Ba	att_Volt_f32	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_C1	Ferm_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u			
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_Er		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_Eta		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_Igo			
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_C			
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_C			
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f		enicleSpeed_Kpn_f32	
target_lowerVoltage_volt_u10p6	1		
target_lowerVoltage_volt_u10p6_2	940 599		
target_lowerVoltage_volt_u10p6_2_3 target_lowerVoltage_volt_u10p6_2_3_4	205		
target_lowerVoltage_volt_u10p6_2_3_4 target_lowerVoltage_volt_u10p6_2_3_4_5	25		
target_lowerVoltage_volt_u10p6_2_3_4_5 target_lowerVoltage_volt_u10p6_2_3_4_5	718		
target_lowerVoltage_volt_u10p6_2_3_4_5_6 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	256		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	409		
target_lowerVoltage_volt_u1opo_z_3_4_5_6_7_6 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	Resu
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	
CastBattBlagitte inner_Cit[i]:actCottvindow_Citt_in_doz			



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	•

lame	Input Value
CustBattDiagNtcConfig Str[0].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16
CustBattDiagNtcConfig Str[0].upperVoltage volt u10p6	target upperVoltage volt u10p6
CustBattDiagNtcConfig Str[0].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6
CustBattDiagNtcConfig Str[1].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2
CustBattDiagNtcConfig Str[1].upperVoltage volt u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2
CustBattDiagNtcConfig Str[2].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh Cnt u16	target_lowerWindowThresh Cnt u16 2 3
	target lowerVoltage volt u10p6 2 3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_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(Elapse	dTim target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTir	ne) 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
CustBattDiagLOIspd_kph_f32	108.565147
_CustBattDiaghispd_kph_f32	150.230255
_CustBattDiaglospd_kph_f32	481.392944
arget_CustBattDiag_Per2_Batt_Volt_f32.value	29.6518517
arget_CustBattDiag_Per2_CTerm_Cnt_lgc.value	0
arget_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	1
arget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
arget_CustBattDiag_Per2_EtatMT_Cnt_u08.value	0
arget_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
arget_CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc.value	1
arget CustBattDiag Per2 VehicleSpeedValid Cnt Igc.value	0





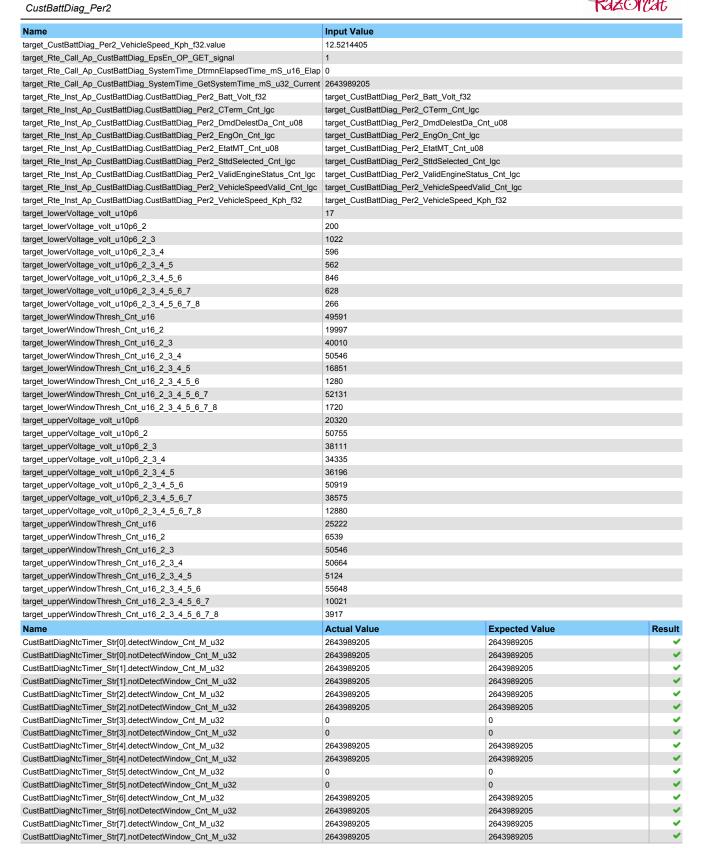
Name	Input Value		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	188.71431		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16$	_Elap 0		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Call_SystemTime_mS_u32_Ca$	urrent 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_CTeri	m_Cnt_lgc	
$target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u0 for the property of the$	8 target_CustBattDiag_Per2_DmdI	DelestDa_Cnt_u08	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_Igc	target_CustBattDiag_Per2_EngC		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatM		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdS		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt			
$target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnternstand (Content of the Content of th$			
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32		cleSpeed_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 38082		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	6053		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8 target_upperVoltage_volt_u10p6	16312		
· - · · · · · · · · · · · · · · · · · ·	63505		
target_upperVoltage_volt_u10p6_2 target_upperVoltage_volt_u10p6_2_3	45306		
target_upperVoltage_volt_u10p6_2_3 target_upperVoltage_volt_u10p6_2_3_4	17361		
target_upperVoltage_volt_u10p6_2_3_4 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	Resul
CustBattDiagNtcTimer Str[0].detectWindow Cnt M u32	3418117713	3418117713	IXeau
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	3418117713	3418117713	
CustBattDiagNtcTimer_Str[0].notDetectWindow_Crit_w_us2	3418117713	3418117713	
CustBattDiagNtcTimer_Str[1].detectWindow_Crit_M_u32 CustBattDiagNtcTimer_Str[1].notDetectWindow Cnt_M_u32	3418117713	3418117713	
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	3418117713	3418117713	
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_W_u32	3418117713	3418117713	
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_w_us2	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	
	3306280184	3306280184	
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32		0000200107	I .
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32		3418117713	
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3418117713 3418117713	3418117713 3418117713	



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

Test Step 2.21 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig Str[5].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(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()	2
k_CustBattDiagLOIspd_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







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	~

Name	Input Value
CustBattDiagNtcConfig Str[0].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16
CustBattDiagNtcConfig Str[0].upperVoltage volt u10p6	target upperVoltage volt u10p6
CustBattDiagNtcConfig Str[0].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6
CustBattDiagNtcConfig Str[1].upperWindowThresh Cnt u16	target_upperWindowThresh Cnt u16 2
CustBattDiagNtcConfig Str[1].upperVoltage volt u10p6	target upperVoltage volt u10p6 2
CustBattDiagNtcConfig Str[1].lowerWindowThresh Cnt u16	target_lowerWindowThresh Cnt u16 2
CustBattDiagNtcConfig Str[1].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2
CustBattDiagNtcConfig Str[2].upperWindowThresh Cnt u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig Str[2].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3
CustBattDiagNtcConfig Str[2].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3
CustBattDiagNtcConfig Str[2].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3
CustBattDiagNtcConfig_Str[3].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh Cnt u16	target_lowerWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig_Str[3].lowerVnltdowTriestr_Crit_u10 CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4
CustBattDiagNtcConfig_Str[4].upperWindowThresh Cnt u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig Str[4].upperVoltage volt u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig Str[4].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5
CustBattDiagNtcConfig Str[4].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig_Str[5].upperWindowThresh Cnt_u16	target upperWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4 5 6
CustBattDiagNtcConfig_Str[6].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6 7
custBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target upperWindowThresh Cnt u16 2 3 4 5 6 7 8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7 8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6 7 8
CustBattDiagNtcConfig_Str[7].lowerVolltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
tte Call Ap CustBattDiag EpsEn OP GET(signal)	target Rte Call Ap CustBattDiag EpsEn OP GET signal
kte_Call_Ap_CustBattDiag_EpsEn_OF_GET(signal) Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(Elapsed	
Rte_Call_Ap_CustBattDiag_SystemTime_DtffffiElapsedTime_ffiS_u10(Elapset Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTim	
tte_call_xp_custBattDiag_system+line_getsystem+line_ins_usz(current+lin tte_Inst_Ap_CustBattDiag	target Rte Inst Ap CustBattDiag
	1
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	67.6589432
_CustBattDiagLOIspd_kph_f32 CustBattDiaghispd kph f32	108.676208
- · · · - · - · -	69.7161331
_CustBattDiaglospd_kph_f32	5.8254714
arget_CustBattDiag_Per2_Batt_Volt_f32.value	5.8254/14
arget_CustBattDiag_Per2_CTerm_Cnt_lgc.value	0
arget_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	0
arget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	3
arget_CustBattDiag_Per2_EtatMT_Cnt_u08.value	1
arget_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	
arget_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value arget CustBattDiag Per2 VehicleSpeedValid Cnt lgc.value	0





Name	Input Value	
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	215.599518	
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1	
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u1$	6_Elap 0	
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_GetSystemTime_mS_u32_GetSystemTime_mS_u32_GetSystemTime_mS_u32_GetSystemTime_mS_u32_GetSystemTime_mS_u32_GetSystemTime_mS_u33_GetSys$	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_u0	8 target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_Igc	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_Cr	t_lgc target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_C	nt_lgc target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f3	2 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 target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	17962	
		Page
Name CustPottDiscoNtsTimes Ctrl01 detectWindow Cut M v/22	Actual Value Expected Value	Resul
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	•
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	•



Test Step Call Trace				V
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	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32 CurrentTime
Rte Inst Ap CustBattDiag	target Rte Inst Ap CustBattDiag
Rte Mode Ap CustBattDiag SystemState Mode()	1
k_CustBattDiagLOIspd_kph_f32	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 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	2
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target CustBattDiag Per2 VehicleSpeed Kph f32.value	505.476257
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0





Name	Input Value		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u1	6_Elap 0		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_00000000000000000000000000000000000$	Current 213371776		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Vo	olt_f32	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_Igc	target_CustBattDiag_Per2_CTerm_	_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_ut	08 target_CustBattDiag_Per2_DmdDε	target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_Igc	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_SttdSel	ected_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Ci	nt_lgc target_CustBattDiag_Per2_ValidEr	ngineStatus_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_C	nt_lgc target_CustBattDiag_Per2_Vehicle	SpeedValid_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f3	target_CustBattDiag_Per2_Vehicle	Speed_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	rtocur
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	213371776	213371776	
CustBattDiagNtcTimer_Str[0].notDetectWindow_Crit_M_u32	213371776	213371776	
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_w_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_W_u32	0	0	
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	2643989205	2643989205	
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2643989205	2643989205	
	0		
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32		0	
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2643989205	2643989205	•
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	213371776	213371776	
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	213371776	213371776	•
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	213371776	213371776	•



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

Test Step 2.24 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig Str[0].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16
CustBattDiagNtcConfig Str[0].lowerVoltage volt u10p6	target lowerVoltage volt u10p6
CustBattDiagNtcConfig Str[1].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig Str[1].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2
CustBattDiagNtcConfig Str[1].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2
CustBattDiagNtcConfig Str[2].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3
CustBattDiagNtcConfig Str[2].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig Str[2].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3
CustBattDiagNtcConfig Str[3].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig Str[3].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4
CustBattDiagNtcConfig Str[4].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5
CustBattDiagNtcConfig Str[4].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig Str[4].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig Str[5].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig Str[5].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1
k_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_Igc.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

CustBattDiag Per2

2018-05-17, 14:24:46+0530



Input Value target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap 0 $target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current$ target CustBattDiag Per2 Batt Volt f32 target Rte Inst Ap CustBattDiag.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_Igc 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 $target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc$ target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc 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 $target_lowerVoltage_volt_u10p6$ target_lowerVoltage_volt_u10p6_2 255 785 target_lowerVoltage_volt_u10p6_2_3 target_lowerVoltage_volt_u10p6_2_3_4 202 target_lowerVoltage_volt_u10p6_2_3_4_5 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 64979 target_upperVoltage_volt_u10p6_2_3_4 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 34469 target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 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 2747 target upperWindowThresh Cnt u16 2 3 4 5 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 1786383158 $CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32$ 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 1786383158 1786383158 CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32 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 CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32 0 0 CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32 2643989205 2643989205 CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32 1786383158 1786383158 CustBattDiagNtcTimer Str[7].detectWindow Cnt M u32 1786383158 1786383158 CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32 1786383158 1786383158



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	•
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	•
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	•
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	•
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	•
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	-

Test Step 2.25 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2
CustBattDiagNtcConfig Str[1].lowerWindowThresh Cnt u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig Str[2].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target lowerWindowThresh Cnt u16 2 3
CustBattDiagNtcConfig Str[2].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3
CustBattDiagNtcConfig Str[3].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target lowerWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4
CustBattDiagNtcConfig Str[4].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig Str[4].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig Str[5].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig Str[5].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target lowerWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6 7
CustBattDiagNtcConfig Str[6].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target lowerWindowThresh Cnt u16 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6 7 8
CustBattDiagNtcConfig_Str[7].upperVviluowThresin_Cht_u10 CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7 8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 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) Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	0
k_CustBattDiagLOIspd_kph_f32	129.380325
k_CustBattDiaghispd_kph_f32	475.597839
k_CustBattDiaglospd_kph_f32	146.563522
target_CustBattDiag_Per2_Batt_Volt_f32.value	22.7369137
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	0
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	0
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	11
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target CustBattDiag Per2 ValidEngineStatus Cnt Igc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0





Name	Input Value		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	131.23526		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Ela			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current			
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_lgc		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDelestDa_0	_	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_Igc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_EtatMT_Cnt_u0		
· · · · · · · · · · · · · · · · · · ·	target_CustBattDiag_Per2_SttdSelected_C		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_Igo			
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Ign	,		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_k 816	χρι <u>1</u> 32	
target_lowerVoltage_volt_u10p6	363		
target_lowerVoltage_volt_u10p6_2	971		
target_lowerVoltage_volt_u10p6_2_3	747		
target_lowerVoltage_volt_u10p6_2_3_4			
target_lowerVoltage_volt_u10p6_2_3_4_5	274		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	384		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	613		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	1018		
target_lowerWindowThresh_Cnt_u16	63406		
target_lowerWindowThresh_Cnt_u16_2	20156		
target_lowerWindowThresh_Cnt_u16_2_3	49933		
target_lowerWindowThresh_Cnt_u16_2_3_4	37523		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	40835		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	4087		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	52859		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	9803		
target_upperVoltage_volt_u10p6	45147		
target_upperVoltage_volt_u10p6_2	10892		
target_upperVoltage_volt_u10p6_2_3	23218		
target_upperVoltage_volt_u10p6_2_3_4	11181		
target_upperVoltage_volt_u10p6_2_3_4_5	52268		
target_upperVoltage_volt_u10p6_2_3_4_5_6	24041		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	10045		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	34587		
target_upperWindowThresh_Cnt_u16	5204		
target_upperWindowThresh_Cnt_u16_2	45735		
target_upperWindowThresh_Cnt_u16_2_3	37523		
target_upperWindowThresh_Cnt_u16_2_3_4	34538		
target_upperWindowThresh_Cnt_u16_2_3_4_5	18473		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	29078		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	43054		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	18593		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1194040835	1194040835	~
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1194040835	1194040835	~
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	1194040835	1194040835	~
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	1194040835	1194040835	~
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	1194040835	1194040835	•
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	1194040835	1194040835	•
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1786383158	1786383158	•
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	1786383158	1786383158	•
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2643989205	2643989205	-
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	1194040835	1194040835	•
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	1194040835	1194040835	✓
CustBattDiagNtcTimer Str[7].notDetectWindow Cnt M u32	1194040835	1194040835	✓



Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	~
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	~
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~

Test Step 2.26 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig Str[0].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16
CustBattDiagNtcConfig Str[0].lowerVoltage volt u10p6	target lowerVoltage volt u10p6
CustBattDiagNtcConfig Str[1].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig Str[1].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2
CustBattDiagNtcConfig Str[1].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2
CustBattDiagNtcConfig Str[2].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3
CustBattDiagNtcConfig Str[2].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig Str[2].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3
CustBattDiagNtcConfig Str[3].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig Str[3].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4
CustBattDiagNtcConfig Str[4].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5
CustBattDiagNtcConfig Str[4].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig Str[4].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5
CustBattDiagNtcConfig Str[4].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig Str[5].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig Str[5].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (Ela$	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1
k_CustBattDiagLOIspd_kph_f32	348.423279
k_CustBattDiaghispd_kph_f32	318.659485
k_CustBattDiaglospd_kph_f32	204.493988
target_CustBattDiag_Per2_Batt_Volt_f32.value	23.7811527
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	0
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	0
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	5
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc.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_u1	6_Elap 0		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_GetSystemTime_mS_u32_GetSystemTime_mS_u32_GetSystemTime_mS_u32_GetSystemTime_mS_u32_GetSystemTime_mS_u32_GetSystemTime_mS_u332_GetSy$	Current 2470648349		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_V	olt_f32	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_Igc	target_CustBattDiag_Per2_CTerm	_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_ut	target_CustBattDiag_Per2_DmdDe	elestDa_Cnt_u08	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_Igc	target_CustBattDiag_Per2_EngOr	_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatM1	_Cnt_u08	
$target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc$	target_CustBattDiag_Per2_SttdSe	lected_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cr	nt_lgc target_CustBattDiag_Per2_ValidE	ngineStatus_Cnt_lgc	
$target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_CustBattDiag_Per2_VehicleSpeedVa$	nt_lgc target_CustBattDiag_Per2_Vehicle	eSpeedValid_Cnt_lgc	
$target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f3 = 0.0000000000000000000000000000000000$	target_CustBattDiag_Per2_Vehicle	Speed_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	Resul
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	•
		2470648349	



Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	~
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	•
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	-
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~

Test Step 2.27 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2
k_CustBattDiagLOIspd_kph_f32	411.341003
k_CustBattDiaghispd_kph_f32	116.799706
k_CustBattDiaglospd_kph_f32	481.70755
target_CustBattDiag_Per2_Batt_Volt_f32.value	8.97348785
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	0
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	1
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	4
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	329.667053
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
<u> </u>	





Name	Input Value		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	•		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current			
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 C	cnt u08	
target Rte Inst Ap CustBattDiag.CustBattDiag Per2 EngOn Cnt Igc	target CustBattDiag Per2 EngOn Cnt lgc		
target Rte Inst Ap CustBattDiag.CustBattDiag Per2 EtatMT Cnt u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08	3	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_Igc	target_CustBattDiag_Per2_SttdSelected_Cn		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc	target_CustBattDiag_Per2_ValidEngineStatu		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc	target_CustBattDiag_Per2_VehicleSpeedVa		
target Rte Inst Ap CustBattDiag.CustBattDiag Per2 VehicleSpeed Kph f32	target_CustBattDiag_Per2_VehicleSpeed_K		
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	•
5			



Test Step Call Trace				V
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
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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

CustBattDiag Per2

2018-05-17, 14:24:46+0530



Input Value target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value 21.0162754 $target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal$ target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap 0 target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current 1762614427 target CustBattDiag Per2 Batt Volt f32 target Rte Inst Ap CustBattDiag.CustBattDiag Per2 Batt Volt f32 target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_Igc 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 Igc $target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc$ 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 8972 $target_upperVoltage_volt_u10p6_2_3_4_5_6_7$ target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 52382 target_upperWindowThresh_Cnt_u16 50318 target_upperWindowThresh_Cnt_u16_2 45946 31564 target upperWindowThresh Cnt u16 2 3 target_upperWindowThresh_Cnt_u16_2_3_4 49549 31765 target_upperWindowThresh_Cnt_u16_2_3_4_5 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 **Expected Value** Name **Actual Value** Result CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32 1762614427 1762614427 1762614427 1762614427 $CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32$ CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32 1762614427 1762614427 1762614427 1762614427 CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32 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 Λ Λ CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32 0 2643989205 $CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32$ 2643989205 CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32 1762614427 1762614427 CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32 1762614427 1762614427 CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32 1762614427 1762614427



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

Test Step 2.29 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiagNtcConfig Str[0].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig Str[0].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16
CustBattDiagNtcConfig Str[0].lowerVoltage volt u10p6	target lowerVoltage volt u10p6
CustBattDiagNtcConfig Str[1].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig Str[1].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2
CustBattDiagNtcConfig Str[1].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2
CustBattDiagNtcConfig Str[2].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3
CustBattDiagNtcConfig Str[2].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig Str[2].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target upperWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig Str[3].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig Str[4].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5
CustBattDiagNtcConfig Str[4].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig Str[4].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig Str[5].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig Str[5].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig Str[5].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5 6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig Str[6].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4
k_CustBattDiagLOIspd_kph_f32	29.2635651
k_CustBattDiaghispd_kph_f32	448.829498
k_CustBattDiaglospd_kph_f32	372.526031
target_CustBattDiag_Per2_Batt_Volt_f32.value	19.7072048
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	1
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	0
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	7
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	425.285889
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1





Name	Input Value		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Ela	ap 0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Curre	nt 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_C	nt_lgc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDeles	stDa_Cnt_u08	
target Rte Inst Ap CustBattDiag.CustBattDiag Per2 EngOn Cnt Igc	target CustBattDiag Per2 EngOn C		
target Rte Inst Ap CustBattDiag.CustBattDiag Per2 EtatMT Cnt u08	target_CustBattDiag_Per2_EtatMT_C		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelect		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_Igo			
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg			
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSp		
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		
	43116		
target_lowerWindowThresh_Cnt_u16_2_3_4 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].netDetectWindow_Cnt_M_u32	2341311019	2341311019	
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2341311019	2341311019	
	2341311019	2341311019	
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	2071311019	2041011018	



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	•

Name	Input Value
CustBattDiagNtcConfig Str[0].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16
CustBattDiagNtcConfig Str[0].upperVoltage volt u10p6	target upperVoltage volt u10p6
CustBattDiagNtcConfig Str[0].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6
CustBattDiagNtcConfig Str[1].upperWindowThresh Cnt u16	target_upperWindowThresh Cnt u16 2
CustBattDiagNtcConfig Str[1].upperVoltage volt u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig Str[1].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2
CustBattDiagNtcConfig Str[1].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2
CustBattDiagNtcConfig Str[2].upperWindowThresh Cnt u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig Str[2].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3
CustBattDiagNtcConfig Str[2].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3
CustBattDiagNtcConfig Str[2].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3
CustBattDiagNtcConfig_Str[3].upperWindowThresh Cnt u16	target_upperWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig_Str[3].lowerVnltdowTriestr_Cit_u10	target lowerVoltage volt u10p6 2 3 4
CustBattDiagNtcConfig_Str[4].upperWindowThresh Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig Str[4].upperVoltage volt u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Ctr[4].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig_Str[5].upperWindowThresh Cnt u16	target_upperWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4 5 6
CustBattDiagNtcConfig_Str[6].upperWindowThresh Cnt u16	target_upperWindowThresh Cnt u16 2 3 4 5 6 7
custBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target upperWindowThresh Cnt u16 2 3 4 5 6 7 8
CustBattDiagNtcConfig_Str[7].upperVirlidowTrifesi1_Crit_uT0	target upperVoltage volt u10p6 2 3 4 5 6 7 8
custBattDiagNtcConfig_Str[7].lowerWindowThresh Cnt u16	target_lowerWindowThresh Cnt u16 2 3 4 5 6 7 8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
tte Call Ap CustBattDiag EpsEn OP GET(signal)	target Rte Call Ap CustBattDiag EpsEn OP GET signal
кte_Call_Ap_CustBattDiag_EpsEt1_OF_GE1(signal) Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(Elapse	
Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32(CurrentTin	327 2 2 2 2 7
Re_Oall_Ap_CustBattDiag	target Rte Inst Ap CustBattDiag
tte Mode Ap CustBattDiag SystemState Mode()	4
CustBattDiagLOIspd kph f32	240.258224
CustBattDiaghispd_kph_f32	464.173981
_CustBattDlagnlspg_kpn_t32 CustBattDlaglospd_kph_f32	92.2381058
	92.2381058 18.7667007
arget_CustBattDiag_Per2_Batt_Volt_f32.value	18.7667007
arget_CustBattDiag_Per2_CTerm_Cnt_lgc.value	1
arget_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	1
arget_CustBattDiag_Per2_EngOn_Cnt_lgc.value arget_CustBattDiag_Per2_EtatMT_Cnt_u08.value	2
0 - 0	2 0
arget_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
arget_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value arget CustBattDiag Per2 VehicleSpeedValid Cnt lgc.value	1





Name	Input Value		
arget_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	288.956116		
arget_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_El			
arget_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Curre	ent 3236492576		
arget_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_	_f32	
arget_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_CTerm_C	nt_lgc	
arget_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDeles	stDa_Cnt_u08	
arget_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_C	nt_lgc	
arget_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_C		
arget_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelect		
arget_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_Ign			
arget_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg			
arget_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSp	peed_Kph_f32	
arget_lowerVoltage_volt_u10p6	679		
arget_lowerVoltage_volt_u10p6_2	621		
arget_lowerVoltage_volt_u10p6_2_3	45		
arget_lowerVoltage_volt_u10p6_2_3_4	958		
arget_lowerVoltage_volt_u10p6_2_3_4_5	675		
arget_lowerVoltage_volt_u10p6_2_3_4_5_6	716		
arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7	112		
arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	960		
arget_lowerWindowThresh_Cnt_u16	54602		
arget_lowerWindowThresh_Cnt_u16_2	31098		
arget_lowerWindowThresh_Cnt_u16_2_3	9958		
arget_lowerWindowThresh_Cnt_u16_2_3_4	25461		
arget_lowerWindowThresh_Cnt_u16_2_3_4_5	58818		
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6	46451		
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	35489		
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	48594		
arget_upperVoltage_volt_u10p6	63449		
arget_upperVoltage_volt_u10p6_2	58524		
arget_upperVoltage_volt_u10p6_2_3	41585		
arget_upperVoltage_volt_u10p6_2_3_4	20479		
arget_upperVoltage_volt_u10p6_2_3_4_5	53709 18026		
arget_upperVoltage_volt_u10p6_2_3_4_5_6	33380		
arget_upperVoltage_volt_u10p6_2_3_4_5_6_7	12051		
arget_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_upperWindowThresh_Cnt_u16	64896		
arget_upperWindowThresh_Cnt_u16_2	33965		
arget_upperWindowThresh_Cnt_u16_2_3	25461		
arget_upperWindowThresh_Cnt_u16_2_3	34969		
arget_upperWindowThresh Cnt u16 2 3 4 5	25403		
arget_upperWindowThresh Cnt u16 2 3 4 5 6	15796		
arget_upperWindowThresh Cnt u16 2 3 4 5 6 7	63468		
arget_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	37858		
Name	Actual Value	Expected Value	Resul
CustBattDiagNtcTimer Str[0].detectWindow Cnt M u32	3236492576		Resul
		3236492576	
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	3236492576	3236492576	
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	3236492576	3236492576 3236492576	
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer Str[2].detectWindow Cnt M u32	3236492576 3236492576	3236492576	
CustBattDiagNtcTimer_Str[2].detectWindow_Crit_iw_us2 CustBattDiagNtcTimer_Str[2].notDetectWindow_Crit_M_us2		3236492576	
	3236492576		
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3236492576	3236492576	
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_im_u32 CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3236492576	3236492576	
2 = 17 = = =	0	0	
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32		3236492576	
PustPottDiogNtoTimor_Str[6] dotoot\Mindow_Cat_M			
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3236492576		
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3236492576 3236492576 3236492576	3236492576 3236492576	



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

Test Step 2.31 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig Str[5].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte Call Ap CustBattDiag EpsEn OP GET(signal)	target Rte Call Ap CustBattDiag EpsEn OP GET signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(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()	2
k_CustBattDiagLOIspd_kph_f32	121.063591
k_CustBattDiaghispd_kph_f32	47.0813866
k_CustBattDiaglospd_kph_f32	72.2337723
target_CustBattDiag_Per2_Batt_Volt_f32.value	7.29014063
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	1
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	1
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	2
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0

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_E	ар 0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Curre	ent 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_Igc	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_Igc	target_CustBattDiag_Per2_EngOn_Cnt_lgc	;	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u0	8	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_C	nt_lgc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lg	target_CustBattDiag_Per2_ValidEngineSta	tus_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lo	target_CustBattDiag_Per2_VehicleSpeedV	alid_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_I	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	Resul
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	375355517	3753555517	
CustBattDiagNtcTimer Str[2].detectWindow Cnt M u32	375355517	3753555517	
CustBattDiagNtcTimer Str[2].notDetectWindow Cnt M u32	375355517	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_Ont_M_u32	3236492576	3236492576	
CustBattDiagNtcTimer_Str[4].notDetectWindow_Crit_M_u32	0	0	
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	
Cuotatta agrito i inici_oti[o].notbetectiviiiuow_ont_ivi_uoz		3236492576	
CustBattDiagNtcTimer_Str[6] detectWindow_Cnt_M_u22			
	3236492576 3753555517		
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3753555517 3753555517	3753555517 3753555517	



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

est Step 2.32 (Repeat Count = 1)	
ame	Input Value
ustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
ustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
ustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
ustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
ustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
ustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
ustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
ustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
ustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
ustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
stBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
stBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
stBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
stBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
stBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
stBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
ustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
stBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
stBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
stBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
stBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
stBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
stBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
stBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
stBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
stBattDiagNtcConfig Str[6].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7
stBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
stBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
stBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
stBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
stBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
stBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
e_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
e_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTi	m target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
e_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
e_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
e_Mode_Ap_CustBattDiag_SystemState_Mode()	1
CustBattDiagLOIspd_kph_f32	350.127563
CustBattDiaghispd_kph_f32	88.9194946
CustBattDiaglospd_kph_f32	324.607025
get_CustBattDiag_Per2_Batt_Volt_f32.value	27.3115482
get_CustBattDiag_Per2_CTerm_Cnt_lgc.value	0
get_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	0
get_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
get_CustBattDiag_Per2_EtatMT_Cnt_u08.value	6
get_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
get_CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc.value	1
get_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
rget_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	406.880493
get_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1





Name	Input Value				
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Ela	- ·				
target Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32 Currer					
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 (
target Rte Inst Ap CustBattDiag.CustBattDiag Per2 EngOn Cnt Igc	target CustBattDiag Per2 EngOn Cnt lgc	_			
target Rte Inst Ap CustBattDiag.CustBattDiag Per2 EtatMT Cnt u08	target_CustBattDiag_Per2_EtatMT_Cnt_u0				
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_Igc	target_CustBattDiag_Per2_SttdSelected_Cr				
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc					
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igo					
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_k				
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					
target upperVoltage volt u10p6 2 3 4 5 6	37365	50723			
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				
		Funcated Value	Danulé		
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	V		
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	283733848	283733848	V		
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	283733848	283733848	V		
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	V		
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	V		
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	283733848	283733848	•		
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	283733848	283733848	V		
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	~		
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	~		
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3236492576	3236492576	~		
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	283733848	283733848	~		
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	283733848	283733848	~		
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	283733848	283733848	~		



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

Test Step 2.33 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig Str[0].lowerVoltage volt u10p6	target lowerVoltage volt u10p6
CustBattDiagNtcConfig Str[1].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig Str[4].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig Str[5].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig Str[5].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target lowerWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4
k_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





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			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current			
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_lgc		
target Rte Inst Ap CustBattDiag.CustBattDiag Per2 DmdDelestDa Cnt u08	target CustBattDiag Per2 DmdDelestDa Ci	ot u09	
	_ ,	nt_uo8	
target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_EngOn_Cnt_Igc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_SttdSelected_Cnt		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc	target CustBattDiag Per2 ValidEngineStatu		
target Rte Inst Ap CustBattDiag.CustBattDiag Per2 VehicleSpeedValid Cnt Igc			
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kp	v	
target lowerVoltage volt u10p6	773	JII_132	
target lowerVoltage volt u10p6 2	179		
	439		
target_lowerVoltage_volt_u10p6_2_3	497		
target_lowerVoltage_volt_u10p6_2_3_4	174		
target_lowerVoltage_volt_u10p6_2_3_4_5			
target_lowerVoltage_volt_u10p6_2_3_4_5_6	655		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	029		
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	~
			4
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	0 3941497960	0 3941497960	~
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3941497960	3941497960	~



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

Test Step 2.34 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig Str[0].lowerVoltage volt u10p6	target lowerVoltage volt u10p6
CustBattDiagNtcConfig Str[1].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4
CustBattDiagNtcConfig Str[4].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5
CustBattDiagNtcConfig Str[4].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig Str[4].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig Str[5].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig Str[5].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig Str[5].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5 6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig Str[6].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5 6 7
CustBattDiagNtcConfig Str[7].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6 7 8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig Str[7].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6 7 8
CustBattDiagNtcConfig Str[7].lowerVoltage volt u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte Call Ap CustBattDiag EpsEn OP GET(signal)	target Rte Call Ap CustBattDiag EpsEn OP GET signal
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTim	
Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32(CurrentTime)	target Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32 CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	0
k_CustBattDiagLOIspd_kph_f32	381.472748
k_CustBattDiaghispd_kph_f32	512
k_CustBattDiaglospd_kph_f32	446.311371
target_CustBattDiag_Per2_Batt_Volt_f32.value	20.2736282
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	0
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	0
target CustBattDiag Per2 EngOn Cnt Igc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	13
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_Igc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	161.981308
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0





Name	Input Value		
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Ela	•		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Curren			
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32	2	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_Igc	target_CustBattDiag_Per2_CTerm_Cnt_		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target CustBattDiag Per2 DmdDelestD		
target Rte Inst Ap CustBattDiag.CustBattDiag Per2 EngOn Cnt Igc	target_CustBattDiag_Per2_EngOn_Cnt_		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_Igo	target_CustBattDiag_Per2_ValidEngines	Status_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igo	c target_CustBattDiag_Per2_VehicleSpee	dValid_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpee	d_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	✓
	00.1200000.		



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





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 Ela	p 0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Currer	nt 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_Igc	target_CustBattDiag_Per2_CTerm_C		
target Rte Inst Ap CustBattDiag.CustBattDiag Per2 DmdDelestDa Cnt u08	target CustBattDiag Per2 DmdDele		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_Igc	target_CustBattDiag_Per2_EngOn_C		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_C		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelect		
target Rte Inst Ap CustBattDiag.CustBattDiag Per2 ValidEngineStatus Cnt Igc			
target Rte Inst Ap CustBattDiag.CustBattDiag Per2 VehicleSpeedValid Cnt Igo			
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSp	peed 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	Kesuit
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2384226418	2384226418	-
CustBattDiagNtcTimer Str[1].detectWindow Cnt M u32	2384226418	2384226418	
CustBattDiagNtcTimer_Str[1].detectWindow_Crit_M_u32 CustBattDiagNtcTimer_Str[1].notDetectWindow_Crit_M_u32	2384226418	2384226418	-
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2384226418	2384226418	
CustBattDiagNtcTimer_Str[2].detectWindow_Crit_M_u32 CustBattDiagNtcTimer_Str[2].notDetectWindow_Crit_M_u32	2384226418	2384226418	-
CustBattDiagNtcTimer Str[3].detectWindow Cnt M u32	0	0	
CustBattDiagNtcTimer_Str[3].oetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	-
	2384226418	2384226418	
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	2384226418	2384226418	-
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			
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	Š
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	2384226418	2384226418	



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

lame	Input Value
CustBattDiagNtcConfig Str[0].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target upperVoltage volt u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target lowerWindowThresh Cnt u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2
9	
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerWindowThresh_Cnt_u16_2 target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3
	target upperVoltage volt u10p6 2 3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_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	32 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
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
_CustBattDiagLOIspd_kph_f32	410.670868
_CustBattDiaghispd_kph_f32	224.469345
_CustBattDiaglospd_kph_f32	0
arget_CustBattDiag_Per2_Batt_Volt_f32.value	25.0074081
arget_CustBattDiag_Per2_CTerm_Cnt_lgc.value	1
arget_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	1
arget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
arget_CustBattDiag_Per2_EtatMT_Cnt_u08.value	2
arget_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
arget_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	0
arget_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1

CustBattDiag_Per2





Name	Input Value		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	182.062881		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16000000000000000000000000000000000000$	_Elap 0		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Compared to the compared to $	urrent 712584737		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_\	'olt_f32	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_Igc	target_CustBattDiag_Per2_CTerm	ı_Cnt_lgc	
$target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u000000000000000000000000000000000000$	8 target_CustBattDiag_Per2_DmdD	elestDa_Cnt_u08	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOr	n_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatM		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSe		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cn			
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cn			
target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_VehicleSpeed_Kph_f32		eSpeed_Kph_f32	
target_lowerVoltage_volt_u10p6	36		
target_lowerVoltage_volt_u10p6_2	255		
target_lowerVoltage_volt_u10p6_2_3	613 271		
target_lowerVoltage_volt_u10p6_2_3_4	778		
target_lowerVoltage_volt_u10p6_2_3_4_5			
target_lowerVoltage_volt_u10p6_2_3_4_5_6	754 134		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	512		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	34549		
target_lowerWindowThresh_Cnt_u16 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 target_lowerWindowThresh_Cnt_u16_2_3_4_5	3310		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	43515		
target lowerWindowThresh Cnt u16 2 3 4 5 6 7	7689		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	30630		
target_upperVoltage_volt_u10p6	11341		
target_upperVoltage_volt_u10p6_2	42156		
target_upperVoltage_volt_u10p6_2_3	32484		
target upperVoltage volt u10p6 2 3 4	984		
target_upperVoltage_volt_u10p6_2_3_4_5	28903		
target_upperVoltage_volt_u10p6_2_3_4_5_6	27267		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	23139		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	337		
target_upperWindowThresh_Cnt_u16	29253		
target_upperWindowThresh_Cnt_u16_2	23519		
target_upperWindowThresh_Cnt_u16_2_3	18039		
target_upperWindowThresh_Cnt_u16_2_3_4	9837		
target_upperWindowThresh_Cnt_u16_2_3_4_5	19261		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	12906		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	59619		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	30394		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	712584737	712584737	•
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	712584737	712584737	•
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	712584737	712584737	•
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	712584737	712584737	•
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	712584737	712584737	•
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	712584737	712584737	•
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	2384226418	2384226418	•
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2384226418	2384226418	•
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	712584737	712584737	•
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	712584737	712584737	•
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	712584737	712584737	•
CustBattDiagNtcTimer Str[7].notDetectWindow Cnt M u32	2384226418	2384226418	•



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

Test Step 2.37 (Repeat Count = 1)	
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
sustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
ustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
sustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
sustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
custBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
custBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
custBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
custBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
ustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
ustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
ustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
ustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
ustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
ustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
sustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
sustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
ustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
ustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
ustBattDiagNtcConfig Str[5].upperVoltage volt u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
ustBattDiagNtcConfig Str[5].lowerWindowThresh Cnt u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
ustBattDiagNtcConfig Str[5].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5 6
ustBattDiagNtcConfig Str[6].upperWindowThresh Cnt u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
ustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7
ustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
ustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
ustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
ustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
sustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
ustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
te_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
te_Call_Ap_CustbattDiag_EpsEn_OP_GE1(signal) te_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(Elapse	
te_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTi	
te_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag 3
te_Mode_Ap_CustBattDiag_SystemState_Mode()	
_CustBattDiagLOlspd_kph_f32	315.118378
_CustBattDiaghispd_kph_f32	248.712433
_CustBattDiaglospd_kph_f32	512
rget_CustBattDiag_Per2_Batt_Volt_f32.value	19.0423527
rget_CustBattDiag_Per2_CTerm_Cnt_lgc.value	1
rget_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	1
rget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
rget_CustBattDiag_Per2_EtatMT_Cnt_u08.value	7
rget_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
rget_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	0
arget_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
arget_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	452.464783
arget_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1





Name	Input Value		
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Ela	•		
target Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32 Curre			
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_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 Igc	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_Igc	target_CustBattDiag_Per2_SttdSelected_Cr		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_Igo			
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igu			
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target CustBattDiag Per2 VehicleSpeed K	:	
target_lowerVoltage_volt_u10p6	828		
target_lowerVoltage_volt_u10p6_2	522		
target lowerVoltage volt u10p6 2 3	307		
target_lowerVoltage_volt_u10p6_2_3_4	84		
target_lowerVoltage_volt_u10p6_2_3_4_5	822		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	416		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	12		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	6		
target_lowerWindowThresh_Cnt_u16	53222		
target_lowerWindowThresh_Cnt_u16_2	55203		
target_lowerWindowThresh_Cnt_u16_2_3	11320		
target_lowerWindowThresh_Cnt_u16_2_3_4	25076		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	33433		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	53613		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	4648		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	32187		
target_upperVoltage_volt_u10p6	38701		
target_upperVoltage_volt_u10p6_2	4108		
target_upperVoltage_volt_u10p6_2_3	15796		
target_upperVoltage_volt_u10p6_2_3_4	3671		
target_upperVoltage_volt_u10p6_2_3_4_5	24763		
target_upperVoltage_volt_u10p6_2_3_4_5_6	59366		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	21977		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	21722		
target_upperWindowThresh_Cnt_u16	54472		
target_upperWindowThresh_Cnt_u16_2	834		
target_upperWindowThresh_Cnt_u16_2_3	25076		
target_upperWindowThresh_Cnt_u16_2_3_4	45938		
target_upperWindowThresh_Cnt_u16_2_3_4_5	23125		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	629		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	32611		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	26109		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	3551195831	3551195831	•
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	3551195831	3551195831	~
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	3551195831	3551195831	~
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	3551195831	3551195831	~
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	3551195831	3551195831	~
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3551195831	3551195831	•
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3551195831	3551195831	~
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3551195831	3551195831	~
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3551195831	3551195831	~
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3551195831	3551195831	~
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3551195831	3551195831	~
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3551195831	3551195831	~



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

Name	Input Value
CustBattDiagNtcConfig Str[0].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
custBattDiagNtcConfig_Str[0].lowerWindowThresh Cnt u16	target_lowerWindowThresh Cnt u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerWindowThresh_Cnt_u16_2 target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3
custBattDiagNtcConfig_Str[2].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3
	target lowerVoltage volt u10p6 2 3
custBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	0 = 0 = 1 = 1
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_lowerVoltage_volt_u10p6_2_3_4 target_upperWindowThresh_Cnt_u16_2_3_4_5
	target_uppervindowInresh_Cnt_u16_2_3_4_5 target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_uppervoitage_voit_u1upo_2_3_4_5 target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_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(ElapsedTin	
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
_CustBattDiagLOlspd_kph_f32	146.688934
_CustBattDiaghispd_kph_f32	127.387489
_CustBattDiaglospd_kph_f32	8
arget_CustBattDiag_Per2_Batt_Volt_f32.value	20.1726799
arget_CustBattDiag_Per2_CTerm_Cnt_lgc.value	1
arget_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	0
arget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
arget_CustBattDiag_Per2_EtatMT_Cnt_u08.value	14
arget_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
arget_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	0
arget_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1

CustBattDiag Per2

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Input Value target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value 79.2504807 $target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal$ target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap 0 target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current 992742142 target CustBattDiag Per2 Batt Volt f32 target Rte Inst Ap CustBattDiag.CustBattDiag Per2 Batt Volt f32 target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_Igc 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 Igc $target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc$ 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_2 653 974 target_lowerVoltage_volt_u10p6_2_3 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 53014 $target_upperVoltage_volt_u10p6_2_3_4_5_6_7$ target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 44650 target_upperWindowThresh_Cnt_u16 16682 target_upperWindowThresh_Cnt_u16_2 26653 39344 target upperWindowThresh Cnt u16 2 3 target_upperWindowThresh_Cnt_u16_2_3_4 59322 39179 target_upperWindowThresh_Cnt_u16_2_3_4_5 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 Expected Value Name **Actual 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 Λ Λ CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32 0 3551195831 3551195831 $CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32$ 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

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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	~

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CustBattDiag_GetImaginaryIgnVoltage

Project CustBattDiag

Module CustBattDiag

Test Object CustBattDiag_GetImaginaryIgnVoltage

Instrumentation: Test Object Only

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

Statistics

Total Testcases	2
Successful	2
Failed	0
Not Executed	0

Comments/Description/Spe	ecification
Name	Text
Module 'CustBattDiag'	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):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_OF_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	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd</pre>
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl
Target Install Path	\$(ProgramFiles)\pls\UDE 4.4
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
Timer Unit	Cycles
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\UTP_PSA_CMP_CustBattDiag_Workspace\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP



Test Case 1: Metrics Test

Description

Vector Description:

TS1.1Shortest Path==>(SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE)=False
TS1.2"Longest Path==>(SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE)=True&&(SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE)=False&&((EngOn_Cnt_T_lgc == TRUE)=False ||
(VehSpd_Kph_T_f32 > k_CustBattDiagLOlspd_kph_f32))=False"

Test Step 1.1 (Repeat Count = 1)			✓	
Name	Input Value			
EngOn_Cnt_T_lgc	0			
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattD	iag_EpsEn_OP_GET_signal		
SystemState_Cnt_T_enum	0	0		
VehSpd_Kph_T_f32	0			
k_CustBattDiagLOlspd_kph_f32	0			
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0			
Name	Actual Value	Expected Value	Result	
CustBattDiag_GetImaginaryIgnVoltage()	384	384	~	

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte Call Ap CustBattDiag EpsEn OP GET	1	Rte Call Ap CustBattDiag EpsEn OP GET	1	✓

Test Step 1.2 (Repeat Count = 1)			~	
Name	Input Value			
EngOn_Cnt_T_lgc	0			
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattl	Diag_EpsEn_OP_GET_signal		
SystemState_Cnt_T_enum	2	2		
VehSpd_Kph_T_f32	207.460205	207.460205		
k_CustBattDiagLOlspd_kph_f32	214.56723	214.56723		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0			
Name	Actual Value	Expected Value	Result	
CustBattDiag_GetImaginaryIgnVoltage()	384	384	*	

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	~



Test Case 2: Range Test

Description

Vector Description:

TS2.1All Min

TS2.1All Min
TS2.2All Max
TS2.3SystemState_Cnt_T_enum==>RTE_MODE_StaMd_Mode_DISABLE
TS2.4SystemState_Cnt_T_enum==>RTE_MODE_StaMd_Mode_OFF
TS2.5SystemState_Cnt_T_enum==>RTE_MODE_StaMd_Mode_OFF
TS2.5SystemState_Cnt_T_enum==>RTE_MODE_StaMd_Mode_OPERATE
TS2.6SystemState_Cnt_T_enum==>RTE_MODE_StaMd_Mode_WARMINIT
TS2.7SystemState_Cnt_T_enum==>RTE_TRANSITION_StaMd_Mode
TS2.8EngOn_Cnt_T_lgc==>Min
TS2.9EngOn_Cnt_T_lgc==>Min
TS2.9EngOn_Cnt_T_lgc==>Max
TS2.10VehSpd_Kph_T_f32==>Max
TS2.11VehSpd_Kph_T_f32==>Max
TS2.12VehSpd_Kph_T_f32==>Pos
TS2.13k_CustBattDiagLOlspd_kph_f32==>Min
TS2.14k_CustBattDiagLOlspd_kph_f32==>Max
TS2.15k_CustBattDiagLOlspd_kph_f32==>Pos/Default
TS2.16Rte_Call_EpsEn_OP_GET==>Min
TS2.17Rte_Call_EpsEn_OP_GET==>Max

Took Ston 2.4 (Demost Count = 4)			-0
Test Step 2.1 (Repeat Count = 1)			V
Name	Input Value		
EngOn_Cnt_T_lgc	0		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattD	iag_EpsEn_OP_GET_signal	
SystemState_Cnt_T_enum	0		
VehSpd_Kph_T_f32	0		
k_CustBattDiagLOIspd_kph_f32	0		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
Name	Actual Value	Expected Value	Result
CustBattDiag GetImaginaryIgnVoltage()	384	384	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	~

Test Step 2.2 (Repeat Count = 1)			~
Name	Input Value		
EngOn_Cnt_T_lgc	1		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_	OP_GET_signal	
SystemState_Cnt_T_enum	4		
VehSpd_Kph_T_f32	512		
k_CustBattDiagLOIspd_kph_f32	512		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
Name	Actual Value	Expected Value	Result
CustBattDiag_GetImaginaryIgnVoltage()	384	384	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	~

Test Step 2.3 (Repeat Count = 1)			✓.
Name	Input Value		
EngOn_Cnt_T_lgc	0		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattD	iag_EpsEn_OP_GET_signal	
SystemState_Cnt_T_enum	0		
VehSpd_Kph_T_f32	67.4704819		
k_CustBattDiagLOIspd_kph_f32	278.038452		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
Name	Actual Value	Expected Value	Result
CustBattDiag_GetImaginaryIgnVoltage()	384	384	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte Call Ap CustBattDiag EpsEn OP GET	1	Rte Call Ap CustBattDiag EpsEn OP GET	1	~

target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal

CustBattDiag_GetImaginaryIgnVoltage()

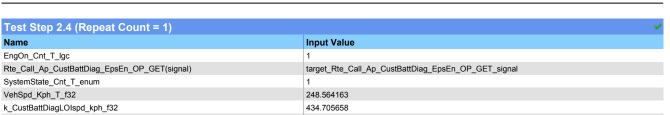
Name



Result

Expected Value

384



Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte Call Ap CustBattDiag EpsEn OP GET	1	Rte Call Ap CustBattDiag EpsEn OP GET	1	~

Actual Value

384

Test Step 2.5 (Repeat Count = 1)			✓
Name	Input Value		
EngOn_Cnt_T_lgc	0		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag	g_EpsEn_OP_GET_signal	
SystemState_Cnt_T_enum	2		
VehSpd_Kph_T_f32	119.058182		
k_CustBattDiagLOlspd_kph_f32	333.170044		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
Name	Actual Value	Expected Value	Result
CustBattDiag_GetImaginaryIgnVoltage()	768	768	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	~

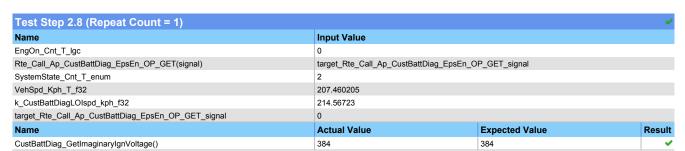
Test Step 2.6 (Repeat Count = 1)			✓
Name	Input Value		
EngOn_Cnt_T_lgc	1		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattD	iag_EpsEn_OP_GET_signal	
SystemState_Cnt_T_enum	3		
VehSpd_Kph_T_f32	247.761032		
k_CustBattDiagLOIspd_kph_f32	21.2740021		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
Name	Actual Value	Expected Value	Result
CustBattDiag GetImaginaryIgnVoltage()	384	384	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte Call Ap CustBattDiag EpsEn OP GET	1	Rte Call Ap CustBattDiag EpsEn OP GET	1	

Test Step 2.7 (Repeat Count = 1)			✓
Name	Input Value		
EngOn_Cnt_T_lgc	0		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBatt	Diag_EpsEn_OP_GET_signal	
SystemState_Cnt_T_enum	4		
VehSpd_Kph_T_f32	216.068512		
k_CustBattDiagLOIspd_kph_f32	22.1641464		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
Name	Actual Value	Expected Value	Result
CustBattDiag_GetImaginaryIgnVoltage()	384	384	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	~





Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	~	

Test Step 2.9 (Repeat Count = 1)			✓
Name	Input Value		
EngOn_Cnt_T_lgc	1		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattI	Diag_EpsEn_OP_GET_signal	
SystemState_Cnt_T_enum	2		
VehSpd_Kph_T_f32	452.458527		
k_CustBattDiagLOIspd_kph_f32	122.926636		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
Name	Actual Value	Expected Value	Result
CustBattDiag_GetImaginaryIgnVoltage()	0	0	~

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	~	

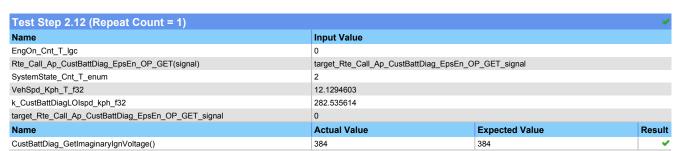
Test Step 2.10 (Repeat Count = 1)			✓
Name	Input Value		
EngOn_Cnt_T_lgc	0		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattD	iag_EpsEn_OP_GET_signal	
SystemState_Cnt_T_enum	2		
VehSpd_Kph_T_f32	0		
k_CustBattDiagLOlspd_kph_f32	331.520874		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
Name	Actual Value	Expected Value	Result
CustBattDiag GetImaginaryIgnVoltage()	384	384	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	~

Test Step 2.11 (Repeat Count = 1)			✓
Name	Input Value		
EngOn_Cnt_T_lgc	0		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBat	tDiag_EpsEn_OP_GET_signal	
SystemState_Cnt_T_enum	2		
VehSpd_Kph_T_f32	512		
k_CustBattDiagLOIspd_kph_f32	403.014618		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
Name	Actual Value	Expected Value	Result
CustBattDiag_GetImaginaryIgnVoltage()	0	0	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte Call Ap CustBattDiag EpsEn OP GET	1	Rte Call Ap CustBattDiag EpsEn OP GET	1	~





Test Step Call Trace						
Actual Function	Count	Expected Function	Count	Result		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	~		

Test Step 2.13 (Repeat Count = 1)			✓
Name	Input Value		
EngOn_Cnt_T_lgc	1		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBatt	Diag_EpsEn_OP_GET_signal	
SystemState_Cnt_T_enum	2		
VehSpd_Kph_T_f32	178.792084		
k_CustBattDiagLOlspd_kph_f32	0		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
Name	Actual Value	Expected Value	Result
CustBattDiag_GetImaginaryIgnVoltage()	0	0	✓

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	~	

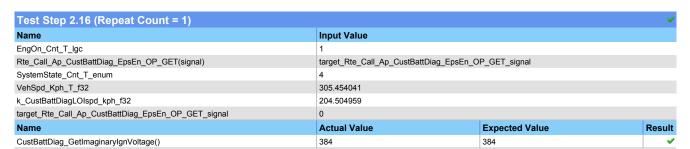
Test Step 2.14 (Repeat Count = 1)			✓	
Name	Input Value			
EngOn_Cnt_T_lgc	1			
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBatt0	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
SystemState_Cnt_T_enum	1	1		
VehSpd_Kph_T_f32	499.401703	499.401703		
k_CustBattDiagLOIspd_kph_f32	512	512		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0	0		
Name	Actual Value	Expected Value	Result	
CustBattDiag GetImaginaryIgnVoltage()	384	384	✓	

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte Call Ap CustBattDiag EpsEn OP GET	1	Rte Call Ap CustBattDiag EpsEn OP GET	1	

Test Step 2.15 (Repeat Count = 1)			✓
Name	Input Value	Input Value	
EngOn_Cnt_T_lgc	0		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBat	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	
SystemState_Cnt_T_enum	4	4	
VehSpd_Kph_T_f32	506.108276	506.108276	
k_CustBattDiagLOIspd_kph_f32	8	8	
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0	0	
Name	Actual Value	Expected Value	Result
CustBattDiag_GetImaginaryIgnVoltage()	384	384	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	~





Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	~

Test Step 2.17 (Repeat Count = 1)			✓
Name	Input Value		
EngOn_Cnt_T_lgc	0		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBat	tDiag_EpsEn_OP_GET_signal	
SystemState_Cnt_T_enum	3		
VehSpd_Kph_T_f32	253.606369		
k_CustBattDiagLOlspd_kph_f32	393.126343		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
Name	Actual Value	Expected Value	Result
CustBattDiag_GetImaginaryIgnVoltage()	384	384	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	~

TEST DETAILS REPORT

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CustBattDiag_ReportFaultWithHisteresis

Project CustBattDiag

Module CustBattDiag

Test Object CustBattDiag_ReportFaultWithHisteresis

Instrumentation: Test Object Only

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

Statistics

Total Testcases	2
Successful	2
Failed	0
Not Executed	0

Comments/Descript Name	Text
Module 'CustBattDiag'	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	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd</pre>
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl
Target Install Path	\$(ProgramFiles)\pls\UDE 4.4
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
Timer Unit	Cycles
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\UTP_PSA_CMP_CustBattDiag_Workspace\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP



Test Case 1: Metrics Test

Description

Vector Description:

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

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 SystemTime mS T u32	n 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
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E0
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap	
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
	0
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	·
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	0
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8 target_upperVoltage_volt_u10p6	0 0
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	0



CustBattDiag_ReportFaultWithHisteresis	2010-03-11, 14.29.19+0330		Razoncat
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	~

T (0) (0) (0)	
Test Step 1.2 (Repeat Count = 1)	<u> </u>
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8

TEST DETAILS REPORT

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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	target_lowerVoltage_volt_u10p6_2_3_4_5_6	 5_7_8	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemT	ime_DtrmnElapsedTime_mS_u16_ElapsedTin	ne
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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	13615		
target_lowerVoltage_volt_u10p6	755		
target_lowerVoltage_volt_u10p6_2	889		
target_lowerVoltage_volt_u10p6_2_3	409		
target_lowerVoltage_volt_u10p6_2_3_4	1023		
target_lowerVoltage_volt_u10p6_2_3_4_5	568		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	776		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	413		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	911		
target_lowerWindowThresh_Cnt_u16	7378		
target_lowerWindowThresh_Cnt_u16_2	19840		
target_lowerWindowThresh_Cnt_u16_2_3	52957		
target_lowerWindowThresh_Cnt_u16_2_3_4	59975		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	34878		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	43855		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	29768		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	60680		
target_upperVoltage_volt_u10p6	755 889		
target_upperVoltage_volt_u10p6_2 target_upperVoltage_volt_u10p6_2_3	409		
target upperVoltage volt u10p6 2 3 4	720		
target_upperVoltage_volt_u10p6_2_3_4 target_upperVoltage_volt_u10p6_2_3_4_5	568		
target_upperVoltage_volt_u10p6_2_3_4_5_6	776		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	413		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	911		
target_upperWindowThresh_Cnt_u16	64773		
target_upperWindowThresh_Cnt_u16_2	13372		
target_upperWindowThresh_Cnt_u16_2_3	27712		
target_upperWindowThresh_Cnt_u16_2_3_4	57572		
target_upperWindowThresh_Cnt_u16_2_3_4_5	36316		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	62666		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	35266		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	34561		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	0	0	
CustBattDiagNtcTimer Str[0].notDetectWindow Cnt M u32	0	0	•
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	1712660671	1712660671	•
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	0	0	-
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	0	0	→

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16	2	Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16	2	_

TEST DETAILS REPORT

CustBattDiag_ReportFaultWithHisteresis

2018-05-17, 14:29:19+0530



Test Case 2: Range Test



Description Vector Description:

TS2.1All Min TS2.2All Max TS2.3ntc==>Min TS2.4ntc==>Max TS2.5ntc==>Pos TS2.6lowVoltageExtraCryteria_Cnt_T_lgc==>Min TS2.7lowVoltageExtraCryteria_Cnt_T_lgc==>Max TS2.8Voltage_Volts_T_u10p6==>Min TS2.8Voltage_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 TS2.19 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].upperVindowThresh_Cnt_u16==>Pos
TS2.22 CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16==>Min
TS2.24CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16==>Max
TS2.25CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16==>Pos
TS2.25CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6==>Max
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].upper/WindowThresh_Cnt_u16==>Max
TS2.49 CustBattDiagNtcConfig_Str[3].upper/WindowThresh_Cnt_u16==>Max
TS2.49 CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16==>Min
TS2.51CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16==>Min
TS2.51CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16==>Pos
TS2.53 CustBattDiagNtcConfig_Str[4].upper/Voltage_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==>Max TS2.58 CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16==>Min TS2.60CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16==>Max TS2.50CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16==>Max TS2.60CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16==>Max TS2.60CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16==>Max TS2.60CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16==>Max TS2.60CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16==>Max TS2.60CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16==>Max TS2.60CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16==>Max TS2.60CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16==>Max TS2.60CustBattDiagNtcConfig_Str[6 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 TS2.78CustBattDiagNtcConfig_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==>Max TS2.97CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6==>Pos TS2.98CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6==>Max TS2.100CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6==>Max TS2.101CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6==>Max TS2.101CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6==>Min TS2.102CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6==>Max TS2.103CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6==>Max TS2.103CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6==>Max TS2.105CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6==>Max TS2.105CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6==>Max TS2.105CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6==>Max TS2.105CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6==>Min TS2.105CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6==>Min TS2.105CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6==>Min TS2.105CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6==>Min TS2.111CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6==>Max TS2.111CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6==>Max TS2.113CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6==>Min TS2.113CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6==>Min TS2.113CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6==>Max TS2.113CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6==>Min TS2.114CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6==>Min TS2.114CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6==>Min TS2.114CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6==>Min TS2.114CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6==>Min TS2.114CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6==>Min TS2.114CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6==>Min TS2.114CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6==>Min TS2.1

Test Step 2.1 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	0
Voltage_Volts_T_u10p6	0
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E0
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	0
target_lowerVoltage_volt_u10p6	0
target_lowerVoltage_volt_u10p6_2	0
target_lowerVoltage_volt_u10p6_2_3	0
target_lowerVoltage_volt_u10p6_2_3_4	0
target_lowerVoltage_volt_u10p6_2_3_4_5	0
target_lowerVoltage_volt_u10p6_2_3_4_5_6	0
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	0
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	0
target_lowerWindowThresh_Cnt_u16	0
target_lowerWindowThresh_Cnt_u16_2	0
target_lowerWindowThresh_Cnt_u16_2_3	0
target_lowerWindowThresh_Cnt_u16_2_3_4	0
target_lowerWindowThresh_Cnt_u16_2_3_4_5	0
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	0
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	0



Name	Input Value		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	0		
target_upperVoltage_volt_u10p6	0		
target_upperVoltage_volt_u10p6_2	0		
target_upperVoltage_volt_u10p6_2_3	0		
target_upperVoltage_volt_u10p6_2_3_4	0		
target_upperVoltage_volt_u10p6_2_3_4_5	0		
target_upperVoltage_volt_u10p6_2_3_4_5_6	0		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	0		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	0		
target_upperWindowThresh_Cnt_u16	0		
target_upperWindowThresh_Cnt_u16_2	0		
target_upperWindowThresh_Cnt_u16_2_3	0		
target_upperWindowThresh_Cnt_u16_2_3_4	0		
target_upperWindowThresh_Cnt_u16_2_3_4_5	0		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	0		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	0		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	0		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	1712660671	1712660671	✓
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	0	0	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	-
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	~

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



CustBattDiag_ReportFaultWithHisteresis	17, 14:29:19+0530		Razorca	批
Name	Input Value			
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	4_5_6_7		
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_	6_7		
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_	4_5_6_7_8		
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_	6_7_8		
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	4_5_6_7_8		
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_			
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedT		ime_DtrmnElapsedTime_	mS_u16_ElapsedTime	
SystemTime_mS_T_u32	4294967295			
/oltage_Volts_T_u10p6	1023			
<pre>c_LOIDetect_Volts_u10p6</pre>	0			
<pre><_LOINotDetect_Volts_u10p6</pre>	0			
owVoltageExtraCryteria_Cnt_T_lgc	1			
ntc	CustBattDiagNtc_E9			
arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_El				
arget_lowerVoltage_volt_u10p6	65535			
arget_lowerVoltage_volt_u10p6_2	65535			
arget_lowerVoltage_volt_u10p6_2_3	65535			
arget_lowerVoltage_volt_u10p6_2_3_4	65535 65535			
arget_lowerVoltage_volt_u10p6_2_3_4_5	65535			
arget_lowerVoltage_volt_u10p6_2_3_4_5_6	65535			
arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7	65535			
arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_lowerWindowThresh_Cnt_u16	65535			
arget lowerWindowThresh Cnt u16 2	65535			
arget_lowerWindowThresh_Cnt_u16_2_3	65535			
arget_lowerWindowThresh_Cnt_u16_2_3_4	65535			
rarget_lowerWindowThresh_Cnt_u16_2_3_4_5	65535			
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6	65535			
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	65535			
rarget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	65535			
arget_upperVoltage_volt_u10p6	65535			
arget upperVoltage volt u10p6 2	65535			
arget_upperVoltage_volt_u10p6_2_3	65535			
target_upperVoltage_volt_u10p6_2_3_4	65535			
arget_upperVoltage_volt_u10p6_2_3_4_5	65535			
arget_upperVoltage_volt_u10p6_2_3_4_5_6	65535			
arget_upperVoltage_volt_u10p6_2_3_4_5_6_7	65535			
arget_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	65535			
arget_upperWindowThresh_Cnt_u16	65535			
arget_upperWindowThresh_Cnt_u16_2	65535			
arget_upperWindowThresh_Cnt_u16_2_3	65535			
arget_upperWindowThresh_Cnt_u16_2_3_4	65535			
arget_upperWindowThresh_Cnt_u16_2_3_4_5	65535			
arget_upperWindowThresh_Cnt_u16_2_3_4_5_6	65535			
arget_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	65535			
arget_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	65535			
Name	Actual Value	Expected Value	R	Resul
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	~



CustBattDiag_ReportFaultWithHisteresis

est Step 2.3 (Repeat Count = 1)	Input Value
custBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
custBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
custBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
custBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
custBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
custBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
custBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16 custBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerWindowThresh_Cnt_u16_2 target_lowerVoltage_volt_u10p6_2
custBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
custBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
custBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
SustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
custBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
custBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
custBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16 custBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerWindowThresh_Cnt_u16_2_3_4_5 target_lowerVoltage_volt_u10p6_2_3_4_5
custBattDiagNtcConfig_Str[4].lowervollage_voll_u1rop6	target_lowerVoltage_volt_u1opo_2_3_4_5 target_upperWindowThresh_Cnt_u16_2_3_4_5_6
custBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5 6
custBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
custBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
custBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
custBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
custBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
custBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
custBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
custBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6 tte Call Ap CustBattDiag SystemTime	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
ystemTime_mS_T_u32	n target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime 2328168258
oltage_Volts_T_u10p6	217
LOIDetect_Volts_u10p6	0
 _LOINotDetect_Volts_u10p6	0
pwVoltageExtraCryteria_Cnt_T_lgc	0
tc	CustBattDiagNtc_E0
arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Ela	p 34399
arget_lowerVoltage_volt_u10p6	23612
arget_lowerVoltage_volt_u10p6_2	8987
arget_lowerVoltage_volt_u10p6_2_3	7265
arget_lowerVoltage_volt_u10p6_2_3_4 arget_lowerVoltage_volt_u10p6_2_3_4_5	50434 766
arget_lowerVoltage_volt_u10p6_2_3_4_5 arget_lowerVoltage_volt_u10p6_2_3_4_5	31502
arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7	57393
arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	13949
arget lowerWindowThresh Cnt u16	42618
arget_lowerWindowThresh_Cnt_u16_2	26486
arget_lowerWindowThresh_Cnt_u16_2_3	60666
arget_lowerWindowThresh_Cnt_u16_2_3_4	28943
arget_lowerWindowThresh_Cnt_u16_2_3_4_5	7073
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6	64673
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	7284
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	6567
arget_upperVoltage_volt_u10p6	23612
arget_upperVoltage_volt_u10p6_2	8987
arget_upperVoltage_volt_u10p6_2_3 arget_upperVoltage_volt_u10p6_2_3_4	7265 50434
	766
arget_upperVoltage_volt_u10p6_2_3_4_5	31502
arget_upperVoltage_volt_u10p6_2_3_4_5 arget_upperVoltage_volt_u10p6_2_3_4_5_6	31502 57393
arget_upperVoltage_volt_u10p6_2_3_4_5 arget_upperVoltage_volt_u10p6_2_3_4_5_6 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7	
arget_upperVoltage_volt_u10p6_2_3_4_5 arget_upperVoltage_volt_u10p6_2_3_4_5_6	57393
arget_upperVoltage_volt_u10p6_2_3_4_5 arget_upperVoltage_volt_u10p6_2_3_4_5_6 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	57393 13949
arget_upperVoltage_volt_u10p6_2_3_4_5 arget_upperVoltage_volt_u10p6_2_3_4_5_6 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_upperWindowThresh_Cnt_u16	57393 13949 50942
arget_upperVoltage_volt_u10p6_2_3_4_5 arget_upperVoltage_volt_u10p6_2_3_4_5_6 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_upperWindowThresh_Cnt_u16 arget_upperWindowThresh_Cnt_u16_2	57393 13949 50942 63439
arget_upperVoltage_volt_u10p6_2_3_4_5 arget_upperVoltage_volt_u10p6_2_3_4_5_6 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_upperWindowThresh_Cnt_u16 arget_upperWindowThresh_Cnt_u16_2 arget_upperWindowThresh_Cnt_u16_2 arget_upperWindowThresh_Cnt_u16_2_3	57393 13949 50942 63439 13099



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				V
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
/oltage_Volts_T_u10p6	581
C_LOIDetect_Volts_u10p6	0
<pre>c_LOINotDetect_Volts_u10p6</pre>	0
owVoltageExtraCryteria_Cnt_T_lgc	1
otc	CustBattDiagNtc_E9
arget Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap	
arget_lowerVoltage_volt_u10p6	60908
arget lowerVoltage volt u10p6 2	39484
arget lowerVoltage volt u10p6 2 3	7701
arget lowerVoltage volt u10p6 2 3 4	55447
arget lowerVoltage volt u10p6 2 3 4 5	46351



		,	
Name	Input Value		_
target_lowerVoltage_volt_u10p6_2_3_4_5_6	64601		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	20105		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	37226		
target_lowerWindowThresh_Cnt_u16	65510		
target_lowerWindowThresh_Cnt_u16_2	15790		
target_lowerWindowThresh_Cnt_u16_2_3	45688		
target_lowerWindowThresh_Cnt_u16_2_3_4	25844		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	20313		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	1288		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	14009		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	28032		
target_upperVoltage_volt_u10p6	60908		
target_upperVoltage_volt_u10p6_2	39484		
target_upperVoltage_volt_u10p6_2_3	7701		
target_upperVoltage_volt_u10p6_2_3_4	55447		
target_upperVoltage_volt_u10p6_2_3_4_5	46351		
target_upperVoltage_volt_u10p6_2_3_4_5_6	64601		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	20105		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	37226		
target_upperWindowThresh_Cnt_u16	62097		
target_upperWindowThresh_Cnt_u16_2	60747		
target_upperWindowThresh_Cnt_u16_2_3	36278		
target_upperWindowThresh_Cnt_u16_2_3_4	40970		
target_upperWindowThresh_Cnt_u16_2_3_4_5	15294		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	20862		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	32245		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	44317		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	2328168258	2328168258	~
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2328168258	2328168258	•
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	1712660671	1712660671	~
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3513169172	3513169172	•

Test Step Call Trace				V
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



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[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].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[6].notDetectWindow_Cnt_M_u32 0 0 CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32 0 0 C				
Contribution(2000.000.000.0000.0000.0000.0000.0000.	Name	Input Value		
Deather implication Sept new Version Deather D	CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	_5	
DesiderDisplaceConf.g. (96) power/doors power	CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5		
Customicaphic Confest Sep Supervivoroum Teach Customicaphic Confest Sep	CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	_5	
Cuestabliophysicologic Selfs Journal of Proceedings Lange La	CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5		
Contracting price Control Self Dever Missor Price Control	CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	_5_6	
Constitutions Section	CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6		
Content Depth Content Self	CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	_5_6	
ConstantialsysticConfig. Sprigli previorNamps_vort_unitips_2_2_4_5_0_7				
Langed Lange Microsofts (Septil Septiment Present in 1996 Langed Lan				
CoestentingsyltCooling_SPT_pare_province_provi				
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CustabilitalipationCosts Syrt (1) protection and surprise sepect (1) protection sepect (1) prote				
CardiantiophyCooling_Siff_proverWindownTreath_Cnt_u16_East_B_7_8				
Casta Build page				
Reg. Call Ap. CostBatChing, SystemTime_DimmcElapsedTime_m8_u16_Elaps				
System Fire Jim Fig. 1	· · · · · · · · · · · · · · · · · · ·			ne
Vallage_Vall			по_виппециросатино_по_ато_ециросати	10
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Development Content				
Integred Rec Cail Ag. CastRatDing SystemTime DimmillapeadTime Sign		0		
Integral Lone Vision Lone L				
target JowerVicage volt u1068 2 89163				
Integral LowerVollage_voll_u10p8_2_3_4_5				
ImageLowerVoltage_voll_u106R_2_3_4_5 100006	target_lowerVoltage_volt_u10p6_2	60191		
target_lower/oitage_volt_urlop6_2_3_4_5_6 larget_lower/oitage_volt_urlop6_2_3_4_5_6_7 larget_lower/oitage_volt_urlop6_2_3_4_5_6_7 8 28475 larget_lower/oitage_volt_urlop6_2_3_4_5_6_7_8 28475 larget_lower/oitage_volt_urlop6_2_3_4_5_6_7_8 28475 larget_lower/oitage_volt_urlop6_2_3_4_5_6_7_8 28475 larget_lower/oitage_volt_urlop6_2_3_4_5_6_7_8 28475 larget_lower/oitage_volt_urlop6_2_3_4_5_6_7 22193 larget_lower/oitage_volt_urlop6_2_3_4_5_6 234_5 6 22193 larget_lower/oitage_volt_urlop6_2_3_4_5_6 234_5_6 234_5_6 234_5_6 234_5_6_7 2385152322222222222222222222222222222222	target_lowerVoltage_volt_u10p6_2_3	50872		
Image LowerVoltage volt_u10p6_2_3_4_5_6_7_8	target_lowerVoltage_volt_u10p6_2_3_4	711		
target_lowerVoltage_volt_u10p8_2_3_4_5_6_7_8	target_lowerVoltage_volt_u10p6_2_3_4_5	35354		
larget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	target_lowerVoltage_volt_u10p6_2_3_4_5_6	10806		
target_lowerWindowThresh_Cnt_u16_2	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	14436		
largeL DownWindowThresh_Cnt_u16_2 16186 22193	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	26475		
target_lowerWindowThreat_Cnt_u16_2_3_4_5 target_lowerWindowThreat_Cnt_u16_2_3_4_5 target_lowerWindowThreat_Cnt_u16_2_3_4_5_6 target_lowerWindowThreat_Cnt_u16_2_3_4_5_6 target_lowerWindowThreat_Cnt_u16_2_3_4_5_6 target_lowerWindowThreat_Cnt_u16_2_3_4_5_6_7 target_lowerWindowThreat_Cnt_u16_2_3_4_5_6_7 target_lowerWindowThreat_Cnt_u16_2_3_4_5_6_7_8 target_upperVoltage_volt_u1066_2 target_upperVoltage_volt_u1066_2 target_upperVoltage_volt_u1066_2_3 target_upperVoltage_volt_u1066_2_3_4_5 target_upperVoltage_volt_u1066_2_3_4_5 target_upperVoltage_volt_u1066_2_3_4_5 target_upperVoltage_volt_u1066_2_3_4_5 target_upperVoltage_volt_u1066_2_3_4_5 target_upperVoltage_volt_u1066_2_3_4_5_6_7 target_upperVoltage_volt_u1066_2_3_4_5_6_7 target_upperVoltage_volt_u1066_2_3_4_5_6_7 target_upperVoltage_volt_u1066_2_3_4_5_6_7 target_upperVoltage_volt_u1066_2_3_4_5_6_7_8 target_upperVoltage_volt_u1066_2_3_4_5_6_7_8 target_upperVoltage_volt_u1066_2_3_4_5_6_7_8 target_upperVoltage_volt_u1066_2_3_4_5_6_7_8 target_upperVoltage_volt_u1066_2_3_4_5_6_7_8 target_upperVoltage_volt_u106_2_3_4_5_6_7_8 target_upperVoltage_volt_u106_2_3_4_5	target_lowerWindowThresh_Cnt_u16	1843		
larget_LowerWindowThresh_Cnt_url6_2_3_4_5 6 63806				
larget_lowerWindowThresh_Cnt_u16_2_3_4_5_6				
larget_LowerWindowThresh_Cnt_u16_2_3_4_5_6 14042 147666 14766_1 14766_2 14_5_6_7 14766_6 1				
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8				
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8				
target_upperVoltage_volt_u1066_2				
larget_upperVoltage_volt_u10p6_2_3 50872				
target_upperVoltage_volt_u10p6_2_3_4_5				
larget_upperVoltage_volt_u10p6_2_3_4_5 35554 355	· · · · · · · · · · · · · · · · · · ·			
target_upperVoltage_volt_u10p6_2_3_4_5_6 108066 target_upperVoltage_volt_u10p6_2_3_4_5_6_7 108066 target_upperVoltage_volt_u10p6_2_3_4_5_6_7 114436 target_upperVoltage_volt_u10p6_2_3_4_5_6_7 8 26475 target_upperWindowThresh_Cnt_u16_2 target_upperWindowThresh_Cnt_u16_2 3 28186 target_upperWindowThresh_Cnt_u16_2_3_4 5 6_7 8 39285 target_upperWindowThresh_Cnt_u16_2_3_4 5 6_7 8 39285 target_upperWindowThresh_Cnt_u16_2_3_4 5 6_7 8 39285 target_upperWindowThresh_Cnt_u16_2_3_4 5 6_7 8 13247 target_upperWindowThresh_Cnt_u16_2_3_4_5_6 7 127040 target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7 127040 target_upp				
target_upperVoltage_volt_u10p6_2_3_4_5_6_7 14436 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_2 37082 target_upperWindowThresh_Cnt_u16_2_3 1841 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 18213 target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7 27040 target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7 7991 Name Actual Value Expected Value Resultable State St				
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_3 1841 target_upperWindowThresh_Cnt_u16_2_3 28186 target_upperWindowThresh_Cnt_u16_2_3_4_5 39285 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 Resultational Resultations (Cont_M_u32) CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32 2328168258 2328168258 2328168258 CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32 0 0 0 0 CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32 0 0 0 0 0 CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32 0				
target_upperVoltage_volt_u1096_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_6 18213 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 2328168	· - · · · · · - · - · · · · · · · ·			
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 Resultability Results Results Results Results Results Results Results Result Results				
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 Resultance CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32 2328168258 2328168258 2328168258 CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32 2328168258 2328168258 2328168258 CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32 0 0 0 CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32 0 0 0 CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32 589552193 589552193 589552193 CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32 0 0 0 0 CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32 0 0 0 0 CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32 0				
target_upperWindowThresh_Cnt_u16_2_3_4_5 39285 target_upperWindowThresh_Cnt_u16_2_3_4_5_6 13247 target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7 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].netDetectWindow_Cnt_M_u32 2328168258 2328168258 2328168258 CustBattDiagNtcTimer_Str[0].netDetectWindow_Cnt_M_u32 0 0 0 0 CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32 0 0 0 0 0 CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32 0	0 = 11			
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	target upperWindowThresh Cnt u16 2 3	28186		
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				
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7 27040 Name Actual Value Expected Value Resu CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32 2328168258 2328168258 2328168258 CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32 2328168258 2328168258 2328168258 CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32 0 0 0 CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32 0 0 0 CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32 589552193 589552193 589552193 CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32 0 0 0 0 CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32 0 0 0 0 CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32 0 0 0 0 0 CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32 0		13247		
Name Actual Value Expected Value Resu CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32 2328168258 2328168258 2328168258 CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32 2328168258 2328168258 2328168258 CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32 0 0 0 CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32 0 0 0 CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32 589552193 589552193 589552193 CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32 0 0 0 0 CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32 0 0 0 0 CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32 0 0 0 0 0 CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32 0<	target_upperWindowThresh_Cnt_u16_2_3_4_5_6	18213		
Name Actual Value Expected Value Result CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32 2328168258 2328168258 2328168258 CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32 2328168258 2328168258 2328168258 CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32 0 0 0 CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32 0 0 0 CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32 589552193 589552193 589552193 CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32 0 0 0 0 CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32 0 0 0 0 CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32 0 0 0 0 CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32 0 0 0 0 CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32 0 0 0 0 CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32 0 0 0 0 CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32 1712660671 1712660671	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	27040		
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[2].detectWindow_Cnt_M_u32 0 0 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[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[6].notDetectWindow_Cnt_M_u32 0 0 CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32 0 0 CustBattDiagNt	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	57991		
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32 2328168258 2328168258 CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32 0 0 CustBattDiagNtcTimer_Str[2].detectWindow_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].detectWindow_Cnt_M_u32 0 0 CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32 0 0 CustBattDiagNtcTimer_Str[6].notDetectWindow_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].detectWindow_Cnt_M_u32 0 0	Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32 0 0 0 CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32 0 0 0 CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32 589552193 589552193 589552193 CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32 589552193 589552193 0 CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32 0 0 0 CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32 0 0 0 CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32 0 0 0 CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32 0 0 0 CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32 0 0 0 CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32 1712660671 1712660671 1712660671 CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32 0 0 0 CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32 0 0 0 CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32 0 0 0	CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	2328168258	2328168258	~
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[5].detectWindow_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 1712660671 1712660671 CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32 0 0 CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32 0 0 CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32 0 0	CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2328168258	2328168258	✓
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[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].detectWindow_Cnt_M_u32 1712660671 1712660671 CustBattDiagNtcTimer_Str[6].notDetectWindow_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].detectWindow_Cnt_M_u32 0 0	CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32 589552193 589552193 CustBattDiagNtcTimer_Str[3].notDetectWindow_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 1712660671 1712660671 CustBattDiagNtcTimer_Str[6].notDetectWindow_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[1].notDetectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32 0 0 0 CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32 0 0 0 CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32 0 0 0 CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32 0 0 0 CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32 0 0 0 CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32 0 0 0 CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32 1712660671 1712660671 1712660671 CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32 0 0 0 CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32 0 0 0	CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	~
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32 0 0 0 CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32 0 0 0 CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32 0 0 0 CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32 0 0 0 CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32 0 0 0 CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32 1712660671 1712660671 1712660671 CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32 0 0 0 CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32 0 0 0	CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	589552193	589552193	~
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32 0 0 0 CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32 0 0 0 CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32 0 0 0 CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32 0 0 0 CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32 1712660671 1712660671 1712660671 CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32 0 0 0 CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32 0 0 0	CustBattDiagNtcTimer_Str[3].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 1712660671 CustBattDiagNtcTimer_Str[6].notDetectWindow_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[3].notDetectWindow_Cnt_M_u32			~
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32 0 0 0 CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32 0 0 0 CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32 1712660671 1712660671 1712660671 CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32 0 0 0 CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32 0 0 0	CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32			~
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].detectWindow_Cnt_M_u32 0 0	CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32			✓
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[6].notDetectWindow_Cnt_M_u32				~
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32 0 0				~
				~
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32 3513169172 3513169172				~
	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	V

Fest Step 2.6 (Repeat Count = 1)	
lame	Input Value
CustBattDiagNtcConfig Str[0].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16
CustBattDiagNtcConfig Str[0].upperVoltage volt u10p6	target upperVoltage volt u10p6
CustBattDiagNtcConfig Str[0].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16
CustBattDiagNtcConfig Str[0].lowerVoltage volt u10p6	target lowerVoltage volt u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target upperWindowThresh Cnt u16 2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
custBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
custBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
sustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
custBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
sustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
custBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_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(Elapse	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	3282021079
/oltage_Volts_T_u10p6	407
_LOIDetect_Volts_u10p6	0
_LOINotDetect_Volts_u10p6	0
pwVoltageExtraCryteria_Cnt_T_lgc	0
tc	CustBattDiagNtc_E8
arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	_Elap 42468
arget_lowerVoltage_volt_u10p6	13239
arget_lowerVoltage_volt_u10p6_2	44258
arget_lowerVoltage_volt_u10p6_2_3	65058
arget_lowerVoltage_volt_u10p6_2_3_4	28598
arget_lowerVoltage_volt_u10p6_2_3_4_5	14041
arget_lowerVoltage_volt_u10p6_2_3_4_5_6	65535
arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7	14124
arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	904
arget_lowerWindowThresh_Cnt_u16	36475
arget_lowerWindowThresh_Cnt_u16_2	65075
rget_lowerWindowThresh_Cnt_u16_2_3	3429
arget_lowerWindowThresh_Cnt_u16_2_3_4	38909
arget_lowerWindowThresh_Cnt_u16_2_3_4_5	5377
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6	56154
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	38068
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	64082
arget_upperVoltage_volt_u10p6	13239
arget_upperVoltage_volt_u10p6_2	44258
arget_upperVoltage_volt_u10p6_2_3	65058
arget_upperVoltage_volt_u10p6_2_3_4	28598
arget_upperVoltage_volt_u10p6_2_3_4_5	14041



Name	Input Value		
target_upperVoltage_volt_u10p6_2_3_4_5_6	61418		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	14124		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	904		
target_upperWindowThresh_Cnt_u16	48753		
target_upperWindowThresh_Cnt_u16_2	12556		
target_upperWindowThresh_Cnt_u16_2_3	4940		
target_upperWindowThresh_Cnt_u16_2_3_4	60948		
target_upperWindowThresh_Cnt_u16_2_3_4_5	37826		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	4133		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	23271		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	43557		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	2328168258	2328168258	*
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2328168258	2328168258	✓
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	~
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	589552193	589552193	~
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3282021079	3282021079	✓
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3282021079	3282021079	~
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3513169172	3513169172	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	•

Test Step 2.7 (Repeat Count = 1)	→
Name	Input Value
CustBattDiagNtcConfig Str[0].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16
CustBattDiagNtcConfig Str[0].upperVoltage volt u10p6	target upperVoltage volt u10p6
CustBattDiagNtcConfig Str[0].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16
CustBattDiagNtcConfig Str[0].lowerVoltage volt u10p6	target lowerVoltage volt u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8



Name	Input Value		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	•	ime_DtrmnElapsedTime_mS_u16_ElapsedTir	ne
SystemTime_mS_T_u32	2645466218	o_banini_iapoda1iinic_inio_a1o_ciapsea1ii	
Voltage_Volts_T_u10p6	168		
k_LOIDetect_Volts_u10p6	0		
k LOINotDetect Volts u10p6	0		
	1		
lowVoltageExtraCryteria_Cnt_T_lgc			
ntc target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap	CustBattDiagNtc_E8 36140		
target_lowerVoltage_volt_u10p6	12897		
target_lowerVoltage_volt_u10p6_2	3735		
target lowerVoltage_volt_u10p6_2 target lowerVoltage volt u10p6_2_3	53802		
target lowerVoltage_volt_u10p6_2_3	43254		
target_lowerVoltage_volt_u10p6_2_3_4 target_lowerVoltage_volt_u10p6_2_3_4_5	27792		
	58862		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	47748		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	13310		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 target_lowerWindowThresh_Cnt_u16	6219		
target_lowerWindowThresh_Cnt_u16_2	5490		
	4400		
target_lowerWindowThresh_Cnt_u16_2_3	39924		
target_lowerWindowThresh_Cnt_u16_2_3_4	62762		
target_lowerWindowThresh_Cnt_u16_2_3_4_5			
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	1	1
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				V
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	



		(<i>y</i> =.0
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 CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_lowerVoltage_volt_u10p6_2_3_4 target_upperWindowThresh_Cnt_u16_2_3_4	5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5		
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4 5		
CustBattDiagNtcConfig Str[5].upperWindowThresh Cnt u16	target_upperWindowThresh_Cnt_u16_2_3_4	5 6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6		
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6		
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	_5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	5_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	_7	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	5_6_7_8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6		
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6		
		me_DtrmnElapsedTime_mS_u16_ElapsedTim	те
,	2276148984		
0	0		
	0		
	0		
lowVoltageExtraCryteria_Cnt_T_lgc	1		
ntc target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	CustBattDiagNtc_E6 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		
	61418		
	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 14124		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7			
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 target_upperWindowThresh_Cnt_u16	904 48753		
target_upperWindowThresh_Cnt_u16_2	12556		
target upperWindowThresh Cnt u16 2 3	4940		
	60948		
	37826		
target upperWindowThresh Cnt u16 2 3 4 5 6	4133		
	23271		
	43557		
target uppervindowinresh Cnt u16 2 3 4 5 6 7 8	Actual Value	Expected Value	Resu
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8 Name			
Name	2328168258	2328168258	
Name		2328168258 2328168258	
Name CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2328168258		
Name CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2328168258 2328168258	2328168258	



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	~

T4 04 0.0 (D4 04 - 4)	
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(Ela	apsedTim target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
systemTime_mS_T_u32	522686473
/oltage_Volts_T_u10p6	1023
_LOIDetect_Volts_u10p6	0
_LOINotDetect_Volts_u10p6	0
pwVoltageExtraCryteria_Cnt_T_lgc	1
tc	CustBattDiagNtc_E8
arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_	u16_Elap 36140
arget_lowerVoltage_volt_u10p6	12897
arget_lowerVoltage_volt_u10p6_2	3735
arget_lowerVoltage_volt_u10p6_2_3	53802
arget_lowerVoltage_volt_u10p6_2_3_4	43254
arget_lowerVoltage_volt_u10p6_2_3_4_5	27792
arget_lowerVoltage_volt_u10p6_2_3_4_5_6	58862
arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7	65535
arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	13310
arget_lowerWindowThresh_Cnt_u16	6219



Name	Input Value		
target_lowerWindowThresh_Cnt_u16_2	5490		
target_lowerWindowThresh_Cnt_u16_2_3	4400		
target_lowerWindowThresh_Cnt_u16_2_3_4	39924		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	62762		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	43602		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	37489		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	7818		
target_upperVoltage_volt_u10p6	12897		
target_upperVoltage_volt_u10p6_2	3735		
target_upperVoltage_volt_u10p6_2_3	53802		
target_upperVoltage_volt_u10p6_2_3_4	43254		
target_upperVoltage_volt_u10p6_2_3_4_5	27792		
target_upperVoltage_volt_u10p6_2_3_4_5_6	58862		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	47748		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	13310		
target_upperWindowThresh_Cnt_u16	53047		
target_upperWindowThresh_Cnt_u16_2	64364		
target_upperWindowThresh_Cnt_u16_2_3	40991		
target_upperWindowThresh_Cnt_u16_2_3_4	31744		
target_upperWindowThresh_Cnt_u16_2_3_4_5	61439		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	35935		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	17429		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	21753		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	2328168258	2328168258	~
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2328168258	2328168258	✓
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	✓
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	589552193	589552193	✓
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2276148984	2276148984	✓
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3282021079	3282021079	~
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	522686473	522686473	~
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer Str[7].notDetectWindow Cnt M u32	3513169172	3513169172	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	~

Test Step 2.10 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6



Name	Input Value		
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6		
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	-	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6		
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperWindowThresh_Cnt_u16_2_3_4 target_upperVoltage_volt_u10p6_2_3_4_5_6		
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig Str[7].lowerVoltage volt u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6		
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTim		 ime_DtrmnElapsedTime_mS_u16_ElapsedTim	ne
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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	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 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	26486 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 13372		
target_upperWindowThresh_Cnt_u16_2	27712		
target_upperWindowThresh_Cnt_u16_2_3 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	V
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3282021079	3282021079	~
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	1712660671	1712660671	V
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	0	0	*
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3513169172	3513169172	

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~





Test Step 2.11 (Repeat Count = 1)	
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target upperVoltage volt u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig Str[0].lowerVoltage volt u10p6	target lowerVoltage volt u10p6
CustBattDiagNtcConfig Str[1].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	0
Voltage_Volts_T_u10p6	519
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E8
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap	
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	18026 9345
target_upperVoltage_volt_u10p6_2_3_4_5_6_7 target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	18026 9345 45745
target_upperVoltage_volt_u10p6_2_3_4_5_6_7 target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 target_upperWindowThresh_Cnt_u16	18026 9345 45745 39401
target_upperVoltage_volt_u10p6_2_3_4_5_6_7 target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 target_upperWindowThresh_Cnt_u16 target_upperWindowThresh_Cnt_u16_2	18026 9345 45745 39401 39826
target_upperVoltage_volt_u10p6_2_3_4_5_6_7 target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 target_upperWindowThresh_Cnt_u16 target_upperWindowThresh_Cnt_u16_2 target_upperWindowThresh_Cnt_u16_2_3	18026 9345 45745 39401 39826 20723
target_upperVoltage_volt_u10p6_2_3_4_5_6_7 target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 target_upperWindowThresh_Cnt_u16 target_upperWindowThresh_Cnt_u16_2 target_upperWindowThresh_Cnt_u16_2_3 target_upperWindowThresh_Cnt_u16_2_3_4	18026 9345 45745 39401 39826 20723 18039
target_upperVoltage_volt_u10p6_2_3_4_5_6_7 target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 target_upperWindowThresh_Cnt_u16 target_upperWindowThresh_Cnt_u16_2 target_upperWindowThresh_Cnt_u16_2_3	18026 9345 45745 39401 39826 20723



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				V
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(ElapsedT	
SystemTime mS T u32	4294967295
/oltage_Volts_T_u10p6	244
C LOIDetect Volts u10p6	0
LOINotDetect Volts u10p6	0
pwVoltageExtraCryteria Cnt T Igc	1
ow voitage Extra Cryteria_Crit_1_igc	CustBattDiagNtc_E8
arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_El	
arget_lowerVoltage_volt_u10p6	27637
arget lowerVoltage volt u10p6 2	31225
arget lowerVoltage_volt_u10p6_2 arget lowerVoltage_volt_u10p6_2 3	56099
arget lowerVoltage volt u10p6 2 3 4	51231



Name	Input Value		
target_lowerVoltage_volt_u10p6_2_3_4_5	9001		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	17545		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	45565		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	65535		
target_lowerWindowThresh_Cnt_u16	5489		
target_lowerWindowThresh_Cnt_u16_2	47635		
target_lowerWindowThresh_Cnt_u16_2_3	33099		
target_lowerWindowThresh_Cnt_u16_2_3_4	54883		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	26263		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	64164		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	46990		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	12545		
target_upperVoltage_volt_u10p6	27637		
target_upperVoltage_volt_u10p6_2	31225		
target_upperVoltage_volt_u10p6_2_3	56099		
target upperVoltage volt u10p6 2 3 4	51231		
target_upperVoltage_volt_u10p6_2_3_4_5	9001		
target_upperVoltage_volt_u10p6_2_3_4_5_6	17545		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	45565		
target upperVoltage volt u10p6 2 3 4 5 6 7 8	39890		
target upperWindowThresh Cnt u16	45654		
target upperWindowThresh Cnt u16 2	20201		
target upperWindowThresh Cnt u16 2 3	58		
target upperWindowThresh Cnt u16 2 3 4	4487		
target upperWindowThresh Cnt u16 2 3 4 5	12281		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	61087		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	41296		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	26456		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	2328168258	2328168258	-
CustBattDiagNtcTimer Str[0].notDetectWindow Cnt M u32	2328168258	2328168258	-
CustBattDiagNtcTimer Str[1].detectWindow Cnt M u32	0	0	_
CustBattDiagNtcTimer Str[1].notDetectWindow Cnt M u32	0	0	✓
CustBattDiagNtcTimer Str[2].detectWindow Cnt M u32	589552193	589552193	_
CustBattDiagNtcTimer Str[2].notDetectWindow Cnt M u32	589552193	589552193	✓
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	_
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	-
CustBattDiagNtcTimer Str[4].detectWindow Cnt M u32	0	0	_
CustBattDiagNtcTimer Str[4].notDetectWindow Cnt M u32	2276148984	2276148984	-
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	
CustBattDiagNtcTimer Str[5].notDetectWindow Cnt M u32	0	0	✓
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	0	0	
CustBattDiagNtcTimer Str[6].notDetectWindow Cnt M u32	4294967295	4294967295	
CustBattDiagNtcTimer Str[7].detectWindow Cnt M u32	0	0	
	, ~	, ·	

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		
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5		
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_		
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_		
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3		
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5		
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_		
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5		dTime
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedSystemTime_mS_ T_u22	Tim target_Rte_Call_Ap_CustBattDiag_System 2984204194	Time_DtiminElapsedTime_mS_uT6_Elapse	earime
SystemTime_mS_T_u32	122		
Voltage_Volts_T_u10p6 k LOIDetect Volts u10p6	0		
k LOINotDetect Volts u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc	0		
ntc	CustBattDiagNtc_E9		
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16			
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 42827		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7 target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	42027		
	54154		
target_upperWindowThresh_Cnt_u16 target_upperWindowThresh_Cnt_u16_2	34332		
target_upperWindowThresh_Cnt_u16_2 target_upperWindowThresh_Cnt_u16_2 3	34946		
target_upperWindowThresh_Cnt_u16_2_3_4	62145		
target upperWindowThresh Cnt u16 2 3 4 5	43610		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	34399		
target upperWindowThresh Cnt u16 2 3 4 5 6 7	65196		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	53324		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	2328168258	2328168258	
CustBattDiagNtcTimer Str[0].notDetectWindow Cnt M u32	2328168258	2328168258	
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	
CustBattDiagNtcTimer Str[1].notDetectWindow Cnt M u32	0	0	
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	589552193	589552193	
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2276148984	2276148984	
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	4294967295	4294967295	•
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2984204194	2984204194	-
		-	



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

Test Step Call Trace				V
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	~

lame	Input Value
	• •
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperWindowThresh_Cnt_u16 target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16
	target lowerVoltage volt u10p6
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_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(Elapsed	Tim target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	2235902008
/oltage_Volts_T_u10p6	743
_LOIDetect_Volts_u10p6	0
_LOINotDetect_Volts_u10p6	0
owVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E8
arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E	Elap 22393
arget_lowerVoltage_volt_u10p6	15925
arget_lowerVoltage_volt_u10p6_2	57510
arget_lowerVoltage_volt_u10p6_2_3	20318
arget_lowerVoltage_volt_u10p6_2_3_4	23847
arget lowerVoltage volt u10p6 2 3 4 5	65372
arget_lowerVoltage_volt_u10p6_2_3_4_5_6	30758
arget lowerVoltage volt u10p6 2 3 4 5 6 7	22584
arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	26089
arget_lowerWindowThresh_Cnt_u16	0
arget lowerWindowThresh Cnt u16 2	51539
arget lowerWindowThresh Cnt u16 2 3	48045
arget lowerWindowThresh Cnt u16 2 3 4	18260
arget lowerWindowThresh Cnt u16 2 3 4 5	3773
arget lowerWindowThresh Cnt u16 2 3 4 5 6	42590
	61063
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
	43521
arget_upperVoltage_volt_u10p6	15925
arget_upperVoltage_volt_u10p6_2	57510
arrier unnervoltage volt 1110pb / 3	20318
target_upperVoltage_volt_u10p6_2_3 target_upperVoltage_volt_u10p6_2_3_4	23847



Name	Input Value		
target_upperVoltage_volt_u10p6_2_3_4_5	65372		
target_upperVoltage_volt_u10p6_2_3_4_5_6	30758		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	22584		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	26089		
target_upperWindowThresh_Cnt_u16	58791		
target_upperWindowThresh_Cnt_u16_2	26223		
target_upperWindowThresh_Cnt_u16_2_3	16159		
target_upperWindowThresh_Cnt_u16_2_3_4	56664		
target_upperWindowThresh_Cnt_u16_2_3_4_5	63598		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	48763		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	1578		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	38753		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	2328168258	2328168258	✓
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2328168258	2328168258	✓
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	✓
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	589552193	589552193	✓
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2276148984	2276148984	✓
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2235902008	2235902008	✓
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2235902008	2235902008	✓
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2984204194	2984204194	✓
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	2984204194	2984204194	✓

Test Step Call Trace				V
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	dTim target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime



Name	Input Value		
SystemTime mS T u32	2157004648		
Voltage_Volts_T_u10p6	936		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc	0		
ntc	CustBattDiagNtc_E6		
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Ela			
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	



- CustBattBlag_Reports dult With historesis			10-10	
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			
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5			
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	_4_5		
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5			
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3			
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6			
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16				
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5 target_upperWindowThresh_Cnt_u16_2_3			
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5			
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3			
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5			
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3			
CustBattDiagNtcConfig_Str[7].upperVoltage volt u10p6	target_upperVoltage_volt_u10p6_2_3_4_5			
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3			
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5			
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTi			ElapsedTime	
SystemTime mS T u32	813026960			
Voltage_Volts_T_u10p6	127			
k_LOIDetect_Volts_u10p6	0			
k_LOINotDetect_Volts_u10p6	0			
IowVoltageExtraCryteria Cnt T Igc	0			
ntc	CustBattDiagNtc E8			
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Ela	· -			
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	Resul	
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 CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32		0 589552193 589552193		



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

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	~
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16	1	Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16	1	~

Test Step 2.17 (Repeat Count = 1)	
	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
	target upperVoltage volt u10p6
	target lowerWindowThresh Cnt u16
	target lowerVoltage volt u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
	target upperVoltage volt u10p6 2
	target lowerWindowThresh Cnt u16 2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target upperWindowThresh Cnt u16 2 3
	target upperVoltage volt u10p6 2 3
	target lowerWindowThresh Cnt u16 2 3
	target lowerVoltage volt u10p6 2 3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
	target_lowerWindowThresh_Cnt_u16_2_3_4
	target_lowerVoltage_volt_u10p6_2_3_4
	target upperWindowThresh Cnt u16 2 3 4 5
	target upperVoltage volt u10p6 2 3 4 5
	target_lowerWindowThresh_Cnt_u16_2_3_4_5
	target lowerVoltage volt u10p6 2 3 4 5
	target upperWindowThresh Cnt u16 2 3 4 5 6
	target_upperVoltage_volt_u10p6_2_3_4_5_6
	target lowerWindowThresh Cnt u16 2 3 4 5 6
	target_lowerVoltage_volt_u10p6_2_3_4_5_6
	target upperWindowThresh Cnt u16 2 3 4 5 6 7
	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
	target lowerWindowThresh Cnt u16 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4 5 6 7
	target upperWindowThresh Cnt u16 2 3 4 5 6 7 8
	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
	1875858654
,	316
	0
	0
	1
, – – – ,	CustBattDiagNtc_E7
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	
	0
	10572
target_lowerVoltage_volt_u10p6_2_3	19167
	25255
	3094
	8362
	23354
	10130
	25399
	10750
	27813



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

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

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



Name	Input Value			
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7			
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7		
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_	6_7		
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8			
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8			
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8			
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_	6_7_8		
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	im target_Rte_Call_Ap_CustBattDiag_System	Fime_DtrmnElapsedTime_mS_u16_ElapsedTi	ime	
SystemTime_mS_T_u32	891424982			
Voltage_Volts_T_u10p6	180			
k_LOIDetect_Volts_u10p6	0			
k_LOINotDetect_Volts_u10p6	0			
lowVoltageExtraCryteria_Cnt_T_lgc	0			
ntc	CustBattDiagNtc_E1			
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_EupsedTime_mS_u16_EupsedTime_mS_u16_EupsedTime_mS_u16_EupsedTime_mS_u16_EupsedTime_mS_u16_EupsedTime_upsedT$	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 63644			
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8		1		
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	٧	
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	•	
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	589552193	589552193	•	
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0		
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0		
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	2157004648	2157004648	-	
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2157004648	2157004648	•	
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0		
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	1875858654	1875858654	•	
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	813026960	813026960	•	
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	813026960	813026960		
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2984204194	2984204194	-	
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	2984204194	2984204194	_	

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	~



Test Step 2.19 (Repeat Count = 1)	Innut Value
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target upperWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target lowerWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig Str[3].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig Str[4].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5
0 0= 1.7 11 0 = 1	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig Str[7].lowerWindowThresh Cnt u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_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	2855943358
/oltage_Volts_T_u10p6	106
	0
C_LOIDetect_Volts_u10p6	
<pre>c_LOINotDetect_Volts_u10p6</pre>	0
owVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E5
arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	
arget_lowerVoltage_volt_u10p6	61318
arget_lowerVoltage_volt_u10p6_2	33200
arget_lowerVoltage_volt_u10p6_2_3	14530
arget_lowerVoltage_volt_u10p6_2_3_4	63992
arget_lowerVoltage_volt_u10p6_2_3_4_5	65240
arget_lowerVoltage_volt_u10p6_2_3_4_5_6	36155
arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7	12790
arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	33261
arget lowerWindowThresh Cnt u16	2127
arget lowerWindowThresh_Cnt_u16 2	46655
arget_lowerWindowThresh_Cnt_u16_2 arget_lowerWindowThresh_Cnt_u16_2_3	19307
arget_lowerWindowThresh_Cnt_u16_2_3_4	54891
arget_lowerWindowThresh_Cnt_u16_2_3_4_5	39394
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6	53287
	49103
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	47230
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	47230 61318
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8 arget_upperVoltage_volt_u10p6	
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8 arget_upperVoltage_volt_u10p6 arget_upperVoltage_volt_u10p6_2	61318
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8 arget_upperVoltage_volt_u10p6 arget_upperVoltage_volt_u10p6_2 arget_upperVoltage_volt_u10p6_2_3	61318 33200
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8 arget_upperVoltage_volt_u10p6 arget_upperVoltage_volt_u10p6_2 arget_upperVoltage_volt_u10p6_2_3 arget_upperVoltage_volt_u10p6_2_3_4	61318 33200 14530
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8 arget_upperVoltage_volt_u10p6 arget_upperVoltage_volt_u10p6_2 arget_upperVoltage_volt_u10p6_2_3 arget_upperVoltage_volt_u10p6_2_3_4 arget_upperVoltage_volt_u10p6_2_3_4 arget_upperVoltage_volt_u10p6_2_3_4_5	61318 33200 14530 63992 65240
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8 arget_upperVoltage_volt_u10p6 arget_upperVoltage_volt_u10p6_2 arget_upperVoltage_volt_u10p6_2_3 arget_upperVoltage_volt_u10p6_2_3_4 arget_upperVoltage_volt_u10p6_2_3_4_5 arget_upperVoltage_volt_u10p6_2_3_4_5 arget_upperVoltage_volt_u10p6_2_3_4_5_6	61318 33200 14530 63992 65240 36155
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8 arget_upperVoltage_volt_u10p6 arget_upperVoltage_volt_u10p6_2 arget_upperVoltage_volt_u10p6_2_3 arget_upperVoltage_volt_u10p6_2_3_4 arget_upperVoltage_volt_u10p6_2_3_4_5 arget_upperVoltage_volt_u10p6_2_3_4_5 arget_upperVoltage_volt_u10p6_2_3_4_5_6 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7	61318 33200 14530 63992 65240 36155 12790
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8 arget_upperVoltage_volt_u10p6 arget_upperVoltage_volt_u10p6_2 arget_upperVoltage_volt_u10p6_2_3 arget_upperVoltage_volt_u10p6_2_3_4 arget_upperVoltage_volt_u10p6_2_3_4_5 arget_upperVoltage_volt_u10p6_2_3_4_5 arget_upperVoltage_volt_u10p6_2_3_4_5_6 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	61318 33200 14530 63992 65240 36155 12790 33261
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8 arget_upperVoltage_volt_u10p6 arget_upperVoltage_volt_u10p6_2 arget_upperVoltage_volt_u10p6_2_3 arget_upperVoltage_volt_u10p6_2_3_4 arget_upperVoltage_volt_u10p6_2_3_4_5 arget_upperVoltage_volt_u10p6_2_3_4_5_6 arget_upperVoltage_volt_u10p6_2_3_4_5_6 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_upperWindowThresh_Cnt_u16	61318 33200 14530 63992 65240 36155 12790 33261
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8 arget_upperVoltage_volt_u10p6 arget_upperVoltage_volt_u10p6_2 arget_upperVoltage_volt_u10p6_2_3 arget_upperVoltage_volt_u10p6_2_3_4 arget_upperVoltage_volt_u10p6_2_3_4_5 arget_upperVoltage_volt_u10p6_2_3_4_5_6 arget_upperVoltage_volt_u10p6_2_3_4_5_6 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_upperWindowThresh_Cnt_u16 arget_upperWindowThresh_Cnt_u16_2	61318 33200 14530 63992 65240 36155 12790 33261 8933 63189
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8 arget_upperVoltage_volt_u10p6 arget_upperVoltage_volt_u10p6_2 arget_upperVoltage_volt_u10p6_2_3 arget_upperVoltage_volt_u10p6_2_3_4 arget_upperVoltage_volt_u10p6_2_3_4_5 arget_upperVoltage_volt_u10p6_2_3_4_5 arget_upperVoltage_volt_u10p6_2_3_4_5_6 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_upperWindowThresh_Cnt_u16 arget_upperWindowThresh_Cnt_u16_2	61318 33200 14530 63992 65240 36155 12790 33261
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8 arget_upperVoltage_volt_u10p6 arget_upperVoltage_volt_u10p6_2 arget_upperVoltage_volt_u10p6_2_3_4 arget_upperVoltage_volt_u10p6_2_3_4 arget_upperVoltage_volt_u10p6_2_3_4_5 arget_upperVoltage_volt_u10p6_2_3_4_5_6 arget_upperVoltage_volt_u10p6_2_3_4_5_6 arget_upperVoltage_volt_u10p6_2_3_4_5_6 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_upperWindowThresh_Cnt_u16 arget_upperWindowThresh_Cnt_u16_2 arget_upperWindowThresh_Cnt_u16_2_3 arget_upperWindowThresh_Cnt_u16_2_3 arget_upperWindowThresh_Cnt_u16_2_3_4	61318 33200 14530 63992 65240 36155 12790 33261 8933 63189
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8 arget_upperVoltage_volt_u10p6 arget_upperVoltage_volt_u10p6_2 arget_upperVoltage_volt_u10p6_2_3 arget_upperVoltage_volt_u10p6_2_3_4 arget_upperVoltage_volt_u10p6_2_3_4_5 arget_upperVoltage_volt_u10p6_2_3_4_5_6 arget_upperVoltage_volt_u10p6_2_3_4_5_6 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_upperWindowThresh_Cnt_u16 arget_upperWindowThresh_Cnt_u16_2 arget_upperWindowThresh_Cnt_u16_2_3 arget_upperWindowThresh_Cnt_u16_2_3_4	61318 33200 14530 63992 65240 36155 12790 33261 8933 63189 59184
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8 arget_upperVoltage_volt_u10p6_2 arget_upperVoltage_volt_u10p6_2_3 arget_upperVoltage_volt_u10p6_2_3_4 arget_upperVoltage_volt_u10p6_2_3_4_5 arget_upperVoltage_volt_u10p6_2_3_4_5 arget_upperVoltage_volt_u10p6_2_3_4_5_6 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_upperWindowThresh_Cnt_u16 arget_upperWindowThresh_Cnt_u16_2 arget_upperWindowThresh_Cnt_u16_2 arget_upperWindowThresh_Cnt_u16_2_3	61318 33200 14530 63992 65240 36155 12790 33261 8933 63189 59184 51256
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8 arget_upperVoltage_volt_u10p6 arget_upperVoltage_volt_u10p6_2 arget_upperVoltage_volt_u10p6_2_3 arget_upperVoltage_volt_u10p6_2_3_4 arget_upperVoltage_volt_u10p6_2_3_4_5 arget_upperVoltage_volt_u10p6_2_3_4_5_6 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_upperWindowThresh_Cnt_u16 arget_upperWindowThresh_Cnt_u16_2 arget_upperWindowThresh_Cnt_u16_2_3 arget_upperWindowThresh_Cnt_u16_2_3_4 arget_upperWindowThresh_Cnt_u16_2_3_4 arget_upperWindowThresh_Cnt_u16_2_3_4 arget_upperWindowThresh_Cnt_u16_2_3_4_5	61318 33200 14530 63992 65240 36155 12790 33261 8933 63189 59184 51256 57282



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_ElapsedTime
SystemTime_mS_T_u32	3106878671
Voltage_Volts_T_u10p6	912
LOIDetect_Volts_u10p6	0
C_LOINotDetect_Volts_u10p6	0
owVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E8
arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	2808
arget_lowerVoltage_volt_u10p6	46399
arget_lowerVoltage_volt_u10p6_2	15518
target_lowerVoltage_volt_u10p6_2_3	9039
arget_lowerVoltage_volt_u10p6_2_3_4	5864
arget lowerVoltage volt u10p6 2 3 4 5	54475



Name	Input Value		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	36801		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	15421		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	15628		
target_lowerWindowThresh_Cnt_u16	6494		
target_lowerWindowThresh_Cnt_u16_2	30187		
target_lowerWindowThresh_Cnt_u16_2_3	62722		
target_lowerWindowThresh_Cnt_u16_2_3_4	61838		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	61616		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	59983		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	54247		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	13890		
target_upperVoltage_volt_u10p6	46399		
target_upperVoltage_volt_u10p6_2	15518		
target_upperVoltage_volt_u10p6_2_3	9039		
target_upperVoltage_volt_u10p6_2_3_4	5864		
target_upperVoltage_volt_u10p6_2_3_4_5	54475		
target_upperVoltage_volt_u10p6_2_3_4_5_6	36801		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	15421		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	15628		
target_upperWindowThresh_Cnt_u16	0		
target_upperWindowThresh_Cnt_u16_2	730		
target_upperWindowThresh_Cnt_u16_2_3	18213		
target_upperWindowThresh_Cnt_u16_2_3_4	29403		
target_upperWindowThresh_Cnt_u16_2_3_4_5	3688		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	23351		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	21050		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	48508		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	2328168258	2328168258	✓
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2328168258	2328168258	✓
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	891424982	891424982	✓
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	891424982	891424982	✓
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	✓
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	589552193	589552193	✓
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	✓
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	2855943358	2855943358	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	2157004648	2157004648	✓
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2157004648	2157004648	✓
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	-
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	1875858654	1875858654	✓
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	813026960	813026960	✓
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3106878671	3106878671	✓
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2984204194	2984204194	-
CustBattDiagNtcTimer Str[7].notDetectWindow Cnt M u32	2984204194	2984204194	_

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16	2	Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16	2	~

Test Step 2.21 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5



Name	Input Value			
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5			
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	4_5_6		
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6			
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6			
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6			
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7			
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7			
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7			
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8			
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage volt u10p6 2 3 4 5 6 7 8			
CustBattDiagNtcConfig Str[7].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 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(ElapsedTin		target_lower voitage_voit_uropo_z_3_4_3_6_7_6 target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
SystemTime_mS_T_u32	1907879047			
Voltage_Volts_T_u10p6	36			
k_LOIDetect_Volts_u10p6	0			
k_LOINotDetect_Volts_u10p6	0			
lowVoltageExtraCryteria_Cnt_T_lgc	1			
ntc	CustBattDiagNtc_E5			
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Ela				
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 51030			
target_lowerVoltage_volt_u10p6_2_3_4_5 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 target_upperWindowThresh_Cnt_u16_2_3_4_5_6 target_upperWindowThresh_Cnt_u16_2_3_4_5_6	63963 39498			
target upperWindowThresh Cnt u16 2 3 4 5 6 7 8	39498			
Name	Actual Value	Expected Value	Result	
	2328168258	Expected Value 2328168258	Result	
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2328168258	2328168258		
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_ivi_us2 CustBattDiagNtcTimer Str[1].detectWindow Cnt M u32	891424982	891424982		
CustBattDiagNtcTimer Str[1].netDetectWindow Cnt M u32	891424982	891424982 891424982		
CustBattDiagNtcTimer Str[2].detectWindow Cnt M u32		589552193		
CustBattDiagNtcTimer Str[2].notDetectWindow Cnt M u32	589552193			
	589552193 589552193	589552193	V	
CustBattDiagNtcTimer Str[3].detectWindow Cnt M u32		589552193 2855943358		
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	589552193		-	
	589552193 2855943358	2855943358	Ž	
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	589552193 2855943358 1907879047	2855943358 1907879047	~	
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	589552193 2855943358 1907879047 2157004648	2855943358 1907879047 2157004648	•	
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	589552193 2855943358 1907879047 2157004648 2157004648	2855943358 1907879047 2157004648 2157004648	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	589552193 2855943358 1907879047 2157004648 2157004648	2855943358 1907879047 2157004648 2157004648 0	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	589552193 2855943358 1907879047 2157004648 2157004648 0 18758586654	2855943358 1907879047 2157004648 2157004648 0 1875858654		
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	589552193 2855943358 1907879047 2157004648 2157004648 0 1875858654 813026960	2855943358 1907879047 2157004648 2157004648 0 1875858654 813026960	***************************************	



Test Step Call Trace				V
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	~

est Step 2.22 (Repeat Count = 1)	
	Input Value
	target_upperWindowThresh_Cnt_u16
0 0 11 11	target_upperVoltage_volt_u10p6
5 62 17 2 2	target_lowerWindowThresh_Cnt_u16
0 0= 17 0 = 1	target_lowerVoltage_volt_u10p6
	target_upperWindowThresh_Cnt_u16_2
	target_upperVoltage_volt_u10p6_2
	target_lowerWindowThresh_Cnt_u16_2
0 02 11	target_lowerVoltage_volt_u10p6_2
5 62 1711 = -	target_upperWindowThresh_Cnt_u16_2_3
0 0 11 11	target_upperVoltage_volt_u10p6_2_3
	target_lowerWindowThresh_Cnt_u16_2_3
·	target_lowerVoltage_volt_u10p6_2_3
	target_upperWindowThresh_Cnt_u16_2_3_4
9 92 11 11	target_upperVoltage_volt_u10p6_2_3_4
	target_lowerWindowThresh_Cnt_u16_2_3_4
	target_lowerVoltage_volt_u10p6_2_3_4
	target_upperWindowThresh_Cnt_u16_2_3_4_5
0 0_ 1111 0 1	target_upperVoltage_volt_u10p6_2_3_4_5
	target_lowerWindowThresh_Cnt_u16_2_3_4_5
	target_lowerVoltage_volt_u10p6_2_3_4_5
ustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
ustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
ustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
sustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
sustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
sustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
sustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
ustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
sustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
sustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
sustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
sustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
te_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime$
ystemTime_mS_T_u32	3618895506
oltage_Volts_T_u10p6	793
_LOIDetect_Volts_u10p6	0
_LOINotDetect_Volts_u10p6	0
wVoltageExtraCryteria_Cnt_T_lgc	0
tc	CustBattDiagNtc_E7
rget Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap	30577
rget_lowerVoltage_volt_u10p6	25476
rget_lowerVoltage_volt_u10p6_2	51515
arget_lowerVoltage_volt_u10p6_2_3	31648
rrget_lowerVoltage_volt_u10p6_2_3_4	23031
rget_lowerVoltage_volt_u10p6_2_3_4_5	4908
	2589
· - · · ·	58394
rget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	47563
	59769
	50351
	51956
	7992
	27169
	3297
	22041
	61395
	25476
	51515
·	31648
	23031
arget_upperVoltage_volt_u10p6_2_3_4	
arget_upperVoltage_volt_u10p6_2_3_4 arget_upperVoltage_volt_u10p6_2_3_4_5	4908
arget_upperVoltage_volt_u10p6_2_3_4 arget_upperVoltage_volt_u10p6_2_3_4_5 arget_upperVoltage_volt_u10p6_2_3_4_5_6	



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				V
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(Elapse	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	2222682785
Voltage_Volts_T_u10p6	45

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Name	Input Value		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc	0		
ntc	CustBattDiagNtc_E1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	11404		
target_lowerVoltage_volt_u10p6	49355		
target_lowerVoltage_volt_u10p6_2	22884		
target_lowerVoltage_volt_u10p6_2_3	4072		
target_lowerVoltage_volt_u10p6_2_3_4	23824		
target_lowerVoltage_volt_u10p6_2_3_4_5	35261		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	24082		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	27870		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	59944		
target_lowerWindowThresh_Cnt_u16	8387		
target_lowerWindowThresh_Cnt_u16_2	0		
target_lowerWindowThresh_Cnt_u16_2_3	30517		
target_lowerWindowThresh_Cnt_u16_2_3_4	44130		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	43849		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	32764		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	38803		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	19341		
target_upperVoltage_volt_u10p6	49355		
target_upperVoltage_volt_u10p6_2	22884		
target_upperVoltage_volt_u10p6_2_3	4072		
target_upperVoltage_volt_u10p6_2_3_4	23824		
target_upperVoltage_volt_u10p6_2_3_4_5	35261		
target_upperVoltage_volt_u10p6_2_3_4_5_6	24082		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	27870		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	59944		
target_upperWindowThresh_Cnt_u16	5992		
target_upperWindowThresh_Cnt_u16_2	2177		
target_upperWindowThresh_Cnt_u16_2_3	7168		
target_upperWindowThresh_Cnt_u16_2_3_4	52894		
target_upperWindowThresh_Cnt_u16_2_3_4_5	46085		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	15003		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	45203		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	53959		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	2328168258	2328168258	~
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2328168258	2328168258	•
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	~
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2222682785	2222682785	•
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	~
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	589552193	589552193	~
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	~
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1907879047	1907879047	•
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	2157004648	2157004648	~
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2157004648	2157004648	~
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	3618895506	3618895506	~
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	3618895506	3618895506	•
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	813026960	813026960	~
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3106878671	3106878671	~
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2984204194	2984204194	~
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	2984204194	2984204194	~

Test Step Call Trace				V
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	



Custbattblag_ReportFaultWittinisteresis		(0,	201000
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	V = 1. V = 1 . I = 1	
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16		target_lowerWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3		
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	_4	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4	4	
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	_4	
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_lowerVoltage_volt_u10p6_2_3_4 target_upperWindowThresh_Cnt_u16_2_3	4.5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5		
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target lowerWindowThresh Cnt u16 2 3		
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4 5	_+_0	
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	4 5 6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5		
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3		
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5	_6	
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	_4_5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	_6_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_	4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5		
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3		
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5		
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_		
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedT		Time_DtrmnElapsedTime_mS_u16_Ela	apsedTime
SystemTime_mS_T_u32	2120574965		
Voltage_Volts_T_u10p6	966		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc	1		
ntc target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 El	CustBattDiagNtc_E1		
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 44426		
target_upperVoltage_volt_u10p6_2_3_4_5_6 target_upperVoltage_volt_u10p6_2_3_4_5_6_7	16395		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7 target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	8187		
target_upperVoltage_volt_u10po_z_3_4_5_6_7_6 target_upperWindowThresh_Cnt_u16	713		
target_upperWindowThresh_Cnt_u16 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	47206 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	Resu
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	2328168258	2328168258	1.554
CustBattDiagNtcTimer Str[0].notDetectWindow Cnt M u32	2328168258	2328168258	
. O		2222682785	
CustBattDiagNtcTimer Str[1].detectWindow Cnt M u32	2222682785		
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2222682785 2120574965	2120574965	
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32			



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				V
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	~

Name	Input Value
CustBattDiagNtcConfig Str[0].upperWindowThresh Cnt u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16
custBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	
custBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_lowerVoltage_volt_u10p6 target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2 target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
custBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
custBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
rustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
custBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
custBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_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(ElapsedT	im target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
ystemTime_mS_T_u32	1820141330
/oltage_Volts_T_u10p6	692
_LOIDetect_Volts_u10p6	0
LOINotDetect_Volts_u10p6	0
owVoltageExtraCryteria_Cnt_T_lgc	0
tc	CustBattDiagNtc E0
arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E	
arget lowerVoltage volt u10p6	39107
arget lowerVoltage volt u10p6 2	38144
arget lowerVoltage volt u10p6 2 3	27820
arget_lowerVoltage_volt_u10p6_2_3_4	6920
liget_lowerVoltage_volt_u10p6_2_3_4_5	28659
arget_lowerVoltage_volt_u10p6_2_3_4_5_6	10017
arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7	22123
arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7 arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	20254
arget_lowerVollage_voll_u10p6_2_5_4_5_6_7_6 arget_lowerWindowThresh_Cnt_u16	24221
	44185
arget_lowerWindowThresh_Cnt_u16_2	
arget_lowerWindowThresh_Cnt_u16_2_3 arget_lowerWindowThresh_Cnt_u16_2_3_4	36701 46921



Name	Input Value		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	28711		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	39110		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	5810		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	58318		
target_upperVoltage_volt_u10p6	39107		
target_upperVoltage_volt_u10p6_2	38144		
target_upperVoltage_volt_u10p6_2_3	27820		
target_upperVoltage_volt_u10p6_2_3_4	6920		
target_upperVoltage_volt_u10p6_2_3_4_5	28659		
target_upperVoltage_volt_u10p6_2_3_4_5_6	10017		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	22123		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	20254		
target_upperWindowThresh_Cnt_u16	20082		
target_upperWindowThresh_Cnt_u16_2	40604		
target_upperWindowThresh_Cnt_u16_2_3	50252		
target_upperWindowThresh_Cnt_u16_2_3_4	34579		
target_upperWindowThresh_Cnt_u16_2_3_4_5	40347		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	19390		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	60146		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	58574		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✓
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✓
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✓
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	✓
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	✓
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	589552193	589552193	✓
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	✓
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1907879047	1907879047	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	2157004648	2157004648	✓
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2157004648	2157004648	✓
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	3618895506	3618895506	✓
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	3618895506	3618895506	✓
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	813026960	813026960	✓
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3106878671	3106878671	✓
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2984204194	2984204194	✓
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	2984204194	2984204194	✓

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

T (0) 000 (D (0) (1)	
Test Step 2.26 (Repeat Count = 1)	<u> </u>
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6

TEST DETAILS REPORT

2018-05-17, 14:29:19+0530



CustBattDiag_ReportFaultWithHisteresis

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	4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_	6_7	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_	4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_	6_7_8	
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	4_5_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_System1	Fime_DtrmnElapsedTime_mS_u16_ElapsedT	ime
SystemTime_mS_T_u32	2521123499		
Voltage_Volts_T_u10p6	295		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc	0		
ntc	CustBattDiagNtc_E7		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Ela			
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 21597		
target_lowerVoltage_volt_u10p6_2_3_4_5			
target_lowerVoltage_volt_u10p6_2_3_4_5_6	32846 10138		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 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	~
	2106070671	2106070671	- 4
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3106878671 2984204194	3106878671 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	✓

est Step 2.27 (Repeat Count = 1)	
lame	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
custBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
custBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
custBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
custBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
custBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
custBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
custBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
custBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
sustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
SustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
sustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
ustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
ustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
sustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
ustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
ustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
sustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
custBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
custBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
SustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4 5 6
SustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig Str[6].upperVoltage volt u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
SustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig Str[7].lowerVoltage volt u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
tte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTir	
systemTime mS T u32	2558372975
oltage_Volts_T_u10p6	1023
LOIDetect Volts u10p6	0
LOINotDetect Volts u10p6	0
pwVoltageExtraCryteria_Cnt_T_lgc	0
tc	CustBattDiagNtc_E8
arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Ela	
arget lowerVoltage volt u10p6	37486
	65535
arget_lowerVoltage_volt_u10p6_2	11545
arget_lowerVoltage_volt_u10p6_2_3	13292
arget_lowerVoltage_volt_u10p6_2_3_4 arget_lowerVoltage_volt_u10p6_2_3_4_5	51714
0	
arget_lowerVoltage_volt_u10p6_2_3_4_5_6	43837
arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7	8470 6803
arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	
rget_lowerWindowThresh_Cnt_u16	48118
rget_lowerWindowThresh_Cnt_u16_2	4728
rget_lowerWindowThresh_Cnt_u16_2_3	37050
rget_lowerWindowThresh_Cnt_u16_2_3_4	12175
rget_lowerWindowThresh_Cnt_u16_2_3_4_5	40862
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6	21836
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	55151
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	37741
arget_upperVoltage_volt_u10p6	37486
arget_upperVoltage_volt_u10p6_2	65535
arget_upperVoltage_volt_u10p6_2_3	11545
arget_upperVoltage_volt_u10p6_2_3_4	13292

Test Step Call Trace

Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16

Actual Function



Count Result

2

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	~

Count Expected Function

 $Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16$

2

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
custBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
custBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
custBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
custBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_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(E	$lapsed Tim target_Rte_Call_Ap_CustBattDiag_System Time_DtrmnElapsed Time_mS_u16_Elapsed Time_msunfaces Time$
SystemTime_mS_T_u32	3966004176
	I

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Voltage_Volts_T_u10p6



Name	Input Value		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc	1		
ntc	CustBattDiagNtc_E9		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Ela	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	



Custbattblag_ReportFaultWittinisteresis		(MACI)	210
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 CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_lowerVoltage_volt_u10p6_2_3_4 target_upperWindowThresh_Cnt_u16_2_3_4	. 5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5		
CustBattDiagNtcConfig Str[4].lowerWindowThresh Cnt u16	target_lowerWindowThresh_Cnt_u16_2_3_4	5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5		
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6		
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6		
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	_	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	_	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperWindowThresh_Cnt_u16_2_3_4 target_upperVoltage_volt_u10p6_2_3_4_5_6		
CustBattDiagNtcConfig_Str[7].lowerWindowThresh Cnt u16	target_uppervoitage_voit_u1upb_2_3_4_5_6 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6		
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim		_/_0 me_DtrmnElapsedTime_mS_u16_ElapsedTim	ie
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 42659		
target_lowerVoltage_volt_u10p6_2_3_4_5 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 target_upperVoltage_volt_u10p6_2_3_4_5	23530 42659		
target_upperVoltage_volt_u10p6_2_3_4_5 target_upperVoltage_volt_u10p6_2_3_4_5	63761		
target_upperVoltage_volt_u10p6_2_3_4_5_6 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_upperwindowinresn_Cnt_u16_2_3_4_5_6	57865		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6 target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	31218		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7 target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	31218	Expected Value	Resu
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7 target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8 Name	31218 35870	Expected Value 1820141330	
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7 target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8 Name CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	31218 35870 Actual Value 1820141330 1820141330	1820141330 1820141330	,
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7 target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8 Name CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	31218 35870 Actual Value 1820141330 1820141330 2222682785	1820141330 1820141330 2222682785	,
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7 target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8 Name CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	31218 35870 Actual Value 1820141330 1820141330 2222682785 2120574965	1820141330 1820141330 2222682785 2120574965	•
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8 Name CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	31218 35870 Actual Value 1820141330 1820141330 2222682785 2120574965 589552193	1820141330 1820141330 2222682785 2120574965 589552193	Resul
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7 target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8 Name CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	31218 35870 Actual Value 1820141330 1820141330 2222682785 2120574965 589552193 589552193	1820141330 1820141330 2222682785 2120574965 589552193 589552193	
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7 target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8 Name CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	31218 35870 Actual Value 1820141330 1820141330 2222682785 2120574965 589552193	1820141330 1820141330 2222682785 2120574965 589552193	•



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	_

est Step 2.30 (Repeat Count = 1)	Innut Value
ame	Input Value
ustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
ustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
ustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
ustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
ustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
ustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
ustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
ustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
ustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
ustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
ustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
ustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
ustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
ustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
ustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
ustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
ustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
ustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
ustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
ustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
ustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
ustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
ustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
ustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
ustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
ustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
ustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
ustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
ustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
ustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
ustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
ustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
te_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime_mS_u26(ElapsedTime_mS_u26)	
ystemTime_mS_T_u32	230406027
oltage_Volts_T_u10p6	479
_LOIDetect_Volts_u10p6	0
_LOINotDetect_Volts_u10p6	0
wVoltageExtraCryteria_Cnt_T_lgc	
to	CustBattDiagNtc_E9
<pre>urget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E</pre>	
irget_lowerVoltage_volt_u10p6	47502
irget_lowerVoltage_volt_u10p6_2	23915
irget_lowerVoltage_volt_u10p6_2_3	45852
irget_lowerVoltage_volt_u10p6_2_3_4	17325
lirget_lowerVoltage_volt_u10p6_2_3_4_5	17981
irget_lowerVoltage_volt_u10p6_2_3_4_5_6	973
liget_lowerVoltage_volt_u10p6_2_3_4_5_6_7	39463
liget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	50753
rrget_lowerWindowThresh_Cnt_u16	7941
rrget_lowerWindowThresh_Cnt_u16_2	19805
arget_lowerWindowThresh_Cnt_u16_2_3	15660
arget_lowerWindowThresh_Cnt_u16_2_3_4	63406
arget_lowerWindowThresh_Cnt_u16_2_3_4_5	29671
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6	21727
rget lowerWindowThresh Cnt u16 2 3 4 5 6 7	26577



CustBattDiag_ReportFaultWithHisteresis	2016-05-17, 14.29:19+0530		Razorcat
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	✓

Cour	t Result
nTime_DtrmnElapsedTime_mS_u16 2	•
'n	Time_DtrmnElapsedTime_mS_u16 2

Input Value	Test Step 2.31 (Repeat Count = 1)	✓
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u	Name	Input Value
CustBattDiagNtcConfig_Str(0).lowerVindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str(1).lowerVindage_voit_u10p6 target_lowerVindage_voit_u10p6 CustBattDiagNtcConfig_Str(1).upperVindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str(1).upperVindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str(1).lowerVindage_voit_u10p6 custBattDiagNtcConfig_Str(1).upperVindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str(2).upperVindowThresh_Cnt_u16 custBattDiagNtcConfig_Str(2).upperVindowThresh_Cnt_u16 custBattDiagNtcConfig_Str(2).upperVindage_voit_u10p6 custBattDiagNtcConfig_Str(2).upperVindage_voit_u10p6 custBattDiagNtcConfig_Str(2).upperVindage_voit_u10p6 custBattDiagNtcConfig_Str(2).upperVindowThresh_Cnt_u16 custBattDiagNtcConfig_Str(2).upperVindowThresh_Cnt_u16 custBattDiagNtcConfig_Str(2).upperVindowThresh_Cnt_u16 custBattDiagNtcConfig_Str(3).upperVindowThresh_Cnt_u16 custBattDiagNtcConfig_Str(3).upperVindowThresh_Cnt_u16 custBattDiagNtcConfig_Str(3).upperVindowThresh_Cnt_u16 custBattDiagNtcConfig_Str(3).upperVindage_voit_u10p6 target_upperVindage_voit_u10p6_2_3_4 custBattDiagNtcConfig_Str(3).upperVindage_voit_u10p6 custBattDiagNtcConfig_Str(3).upperVindowThresh_Cnt_u16 custBattDiagNtcConfig_Str(4).upperVindowThresh_cnt_u16 custBattDiagNtcConfig_Str(4).upperVindowThresh_Cnt_u16 custBattDiagNtcConfig_Str(4).upperVindowThresh_Cnt_u16 custBattDiagNtcConfig_Str(4).upperVindowThresh_Cnt_u16 custBattDiagNtcConfig_Str(4).upperVindowThresh_Cnt_u16 custBattDiagNtcConfig_Str(4).upperVindowThresh_Cnt_u16 custBattDiagNtcConfig_Str(4).upperVindowThresh_Cnt_u16 custBattDiagNtcConfig_Str(4).upperVindowThresh_Cnt_u16 custBattDiagNtcConfig_Str(5).upperVindowThresh_Cnt_u16 custBattDiagNtcConfig_Str(5).upperVindowThresh_Cnt_u16 custBattDiagNtcConfig_Str(5).upperVindowThresh_Cnt_u16 custBattDiagNtcConfig_Str(5).upperVindowThresh_Cnt_u16 custBattDiagNtcConfig_Str(5).upperVindowThresh_Cnt_u16 custBattDiagNtcConfig_Str(5).upperVindowThresh_Cnt_u16 custBattDiagNtcConfig_Str(5).upperVindowThresh_Cnt_u16 custBattDiagNtcConfig_Str(6).u	CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[1].upperVintdowThresh_Cnt_u16 target_upperVintdowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[1].upperVintdowThresh_Cnt_u16 target_upperVintdowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[1].lowerVintdowThresh_Cnt_u16 target_lowerVintdowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[1].lowerVintdowThresh_Cnt_u16 target_lowerVintdowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[2].upperVintdowThresh_Cnt_u16 target_upperVintdowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[2].upperVintdowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[2].upperVintdowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[2].lowerVintdowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[3].upperVintdowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[3].upperVintdowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[3].upperVintdowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[3].upperVintdowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[3].upperVintdowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[3].upperVintdowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[3].upperVintdowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[3].upperVintdowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[3].upperVintdowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[4].upperVintdowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[4].upperVintdowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[4].upperVintdowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[4].upperVintdowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[4].upperVintdowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[4].upperVintdowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[5].upperVintdowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[5].upperVintdowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[5].upperVintdowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[5].upperVintdowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[5].upperVintdowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[5].upperVintdowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[5].upperVintdowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[6].upperVintdowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[6].upperVintdowThresh_Cnt_u16_2 CustBattDiagNtcConfig_St	CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16 target_upperWindowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16 target_upperWindowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2_3 CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16 target_upperWindowThresh_Cnt_u16_2_3 CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16 target_upperWindowThresh_Cnt_u16_2_3 CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16_2 CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16_2 CustBattDiagNtcConfig_	CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
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CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6 target_lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2_3_4_5 CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3_4_5 CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16 target_lowerVoltage_volt_u10p6_2_3_4_5 CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6 target_upperWindowThresh_Cnt_u16_2_3_4_5_6 CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3_4_5_6 CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16 target_lowerVoltage_volt_u10p6_2_3_4_5_6 CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16 target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 target_upperVoltage_volt_u10p6_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2_3_4_5 CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16 target_lowerVoltage_volt_u10p6_2_3_4_5 CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16 target_upperWindowThresh_Cnt_u16_2_3_4_5_6 CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16 target_upperVoltage_volt_u10p6_2_3_4_5_6 CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16 target_lowerVoltage_volt_u10p6_2_3_4_5_6 CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16 target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6 target_upperVoltage_volt_u10p6_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3_4_5 CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16 target_upperWindowThresh_Cnt_u16_2_3_4_5_6 CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16 target_upperVoltage_volt_u10p6_2_3_4_5_6 CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16 target_lowerVoltage_volt_u10p6_2_3_4_5_6 CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16 target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6 target_upperVoltage_volt_u10p6_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16 target_upperWindowThresh_Cnt_u16_2_3_4_5_6 CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6 target_upperVoltage_volt_u10p6_2_3_4_5_6 CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u10p6 target_lowerVoltage_volt_u10p6_2_3_4_5_6 CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6 target_upperVoltage_volt_u10p6_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6 target_upperVoltage_volt_u10p6_2_3_4_5_6 CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u10p6 target_lowerVoltage_volt_u10p6_2_3_4_5_6 CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16 target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].lowerWoltage_volt_u10p6 target_upperVoltage_volt_u10p6_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16 target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3_4_5_6 CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16 target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16 target_upperVoltage_volt_u10p6_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16 target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3_4_5_6 CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16 target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16 target_upperVoltage_volt_u10p6_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16 target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6 target_upperVoltage_volt_u10p6_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6 target_upperVoltage_volt_u10p6_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16 target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16 target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16 target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16 target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
	CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6 target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
	CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8



N	Inner A Welling		
Name	Input Value		
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim		ime_DtrmnElapsedTime_mS_u16_ElapsedTir	ne
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			
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	I=	1
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	V
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	V
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	•
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	V
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	V
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1907879047	1907879047	V
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	44690950	44690950	V
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	44690950	44690950	-
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2521123499	2521123499	V
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	



CustBattDiag_ReportFaultWithHisteresis

- CustBattBlag_Neportr daltvittii listeresis			1-4-1-10-10
Name	Input Value		
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6		
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cn	t_u16_2	
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	3_2	
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt	_u16_2	
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	5_2	
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cn	t_u16_2_3	
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	3_2_3	
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt	_u16_2_3	
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	5_2_3	
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cn	t_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6		
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt	_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6		
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cn		
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6		
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt		
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6		
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cn		
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6		
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt		
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6		
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cn		
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6		
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt		
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6		
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cn		
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6		
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt		
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	5_2_3_4_5_6_7_8	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(Ela		ag_SystemTime_DtrmnElapsedTime_mS	_u16_ElapsedTime
SystemTime_mS_T_u32	2757517311		
Voltage_Volts_T_u10p6	443		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc	1		
ntc	CustBattDiagNtc_E6		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_upperscript{$ = $ 1.00000000000000000000000000000000000$			
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	~
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 $CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32$

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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				V
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	✓

lame	Input Value
	•
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
custBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
sustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
ustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
sustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
custBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
custBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
custBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
sustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
custBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
ustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
sustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
ustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
ustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
ustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
sustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
sustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
ustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
sustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
ustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
ustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
ustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
tte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(Ela	psedTim target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
ystemTime_mS_T_u32	2594148775
oltage_Volts_T_u10p6	236
_LOIDetect_Volts_u10p6	0
_LOINotDetect_Volts_u10p6	0
wVoltageExtraCryteria_Cnt_T_lgc	1
tc	CustBattDiagNtc_E6
arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u	u16_Elap 24480
rget_lowerVoltage_volt_u10p6	38100
rget_lowerVoltage_volt_u10p6_2	41564
rget_lowerVoltage_volt_u10p6_2_3	50885
irget_lowerVoltage_volt_u10p6_2_3_4	15592
arget_lowerVoltage_volt_u10p6_2_3_4_5	48967
arget_lowerVoltage_volt_u10p6_2_3_4_5_6	3733
arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7	45533
arget lowerVoltage volt u10p6 2 3 4 5 6 7 8	44291
arget 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)		V
Name	Input Value	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	



Name	Input Value		
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	3	
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	4_5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_	6_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	6_7	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_	6_7_8	
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	6_7_8	
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_ms_u16) = 0.000 + 0$	n target_Rte_Call_Ap_CustBattDiag_SystemT	ime_DtrmnElapsedTime_mS_u16_ElapsedTir	me
SystemTime_mS_T_u32	2637694353		
Voltage_Volts_T_u10p6	154		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc	1		
ntc	CustBattDiagNtc_E8		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Ela			
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	1=	1-
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	~
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	~
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	~
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	~
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	~
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2965327068	2965327068	~
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	~
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1907879047	1907879047	~
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	44690950	44690950	~
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2594148775	2594148775	~
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2521123499	2521123499	~
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2521123499	2521123499	~
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2558372975	2558372975	~
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2637694353	2637694353	~
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2984204194	2984204194	~
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	230406027	230406027	~



Test Step Call Trace					~
	Actual Function	Count	Expected Function	Count	Result
	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~
	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	~
	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~
	Rte Call Ap CustBattDiag NxtrDiagMgr SetNTCStatus	1	Rte Call Ap CustBattDiag NxtrDiagMgr SetNTCStatus	1	~

Test Step 2.35 (Repeat Count = 1)	
lame	Input Value
custBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
sustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
sustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
ustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
sustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
custBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
custBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
sustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
sustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
ustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
ustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
sustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
ustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
ustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
sustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
sustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
ustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
ustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
ustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
ustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
sustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
sustBattDiagNtcConfig Str[6].upperWindowThresh Cnt u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
sustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7
sustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
SustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig Str[7].lowerVoltage volt u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
32 77 32 7	
systemTime mS T u32	2231698994
	422
0	0
	0
wVoltageExtraCryteria_Cnt_T_lgc	1
tc	CustBattDiagNtc E9
riget_lowerVoltage_volt_u10p6	523
arget_lowerVoltage_volt_u10p6_2	50085
arget_lowerVoltage_volt_u10p6_2 arget_lowerVoltage_volt_u10p6_2_3	0
irget_lowerVoltage_volt_u10p6_2_3 irget_lowerVoltage_volt_u10p6_2_3_4	58064
irget_lowerVoltage_volt_u10p6_2_3_4 irget_lowerVoltage_volt_u10p6_2_3_4	45994
riget_lowerVoltage_volt_u10p6_2_3_4_5_6	41512
arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7	5633 65510
rget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 rget_lowerWindowThresh_Cnt_u16	26824
rget_lowerWindowThresh_Cnt_u16_2	57378
rget_lowerWindowThresh_Cnt_u16_2_3	9066
rget_lowerWindowThresh_Cnt_u16_2_3_4	26110
rget_lowerWindowThresh_Cnt_u16_2_3_4_5	9758
rget_lowerWindowThresh_Cnt_u16_2_3_4_5_6	13813
rget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	10097
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	39176
arget_upperVoltage_volt_u10p6	523
arget_upperVoltage_volt_u10p6_2	50085
arget_upperVoltage_volt_u10p6_2_3	0
arget_upperVoltage_volt_u10p6_2_3_4	58064



Name	Input Value		
target_upperVoltage_volt_u10p6_2_3_4_5_6	41512		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	5633		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	65510		
target_upperWindowThresh_Cnt_u16	39746		
target_upperWindowThresh_Cnt_u16_2	5156		
target_upperWindowThresh_Cnt_u16_2_3	44940		
target_upperWindowThresh_Cnt_u16_2_3_4	6831		
target_upperWindowThresh_Cnt_u16_2_3_4_5	47284		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	10509		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	51841		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	42962		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	~
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✓
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	~
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	✓
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	✓
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2965327068	2965327068	✓
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	~
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1907879047	1907879047	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	44690950	44690950	✓
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2594148775	2594148775	✓
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2521123499	2521123499	~
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2521123499	2521123499	✓
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2558372975	2558372975	~
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2637694353	2637694353	✓
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2984204194	2984204194	~
CustBattDiagNtcTimer Str[7].notDetectWindow Cnt M u32	2231698994	2231698994	✓

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~	
Rte Call Ap CustBattDiag NxtrDiagMgr SetNTCStatus	1	Rte Call Ap CustBattDiag NxtrDiagMgr SetNTCStatus	1	✓	

Test Step 2.36 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8



Name	Input Value		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	•	me DtrmnElapsedTime mS u16 ElapsedTir	me
SystemTime mS T u32	1151292551	o_52.apssaoo_a . o_E.apssa	
Voltage_Volts_T_u10p6	67		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria Cnt T lgc	0		
ntc	CustBattDiagNtc_E8		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap			
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		
	10831		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	54693		
target_upperVoltage_volt_u10p6 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		
	25101		
target_upperVoltage_volt_u10p6_2_3_4_5_6	53150		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	48617		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 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		
	42462		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8		Funcated Value	Daguile
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	



CustBattDiag Ren	ortFaultWithHisteresis
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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 CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_upperVoltage_volt_u10p6_2 target_lowerWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2	
CustBattDiagNtcConfig_Str[2].upperWindowThresh Cnt u16	target_lower voltage_volt_u1opo_2 target_upperWindowThresh Cnt u16 2 3	
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage volt u10p6 2 3	
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig Str[2].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3	
CustBattDiagNtcConfig Str[3].upperWindowThresh Cnt u16	target_upperWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4	
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_str[7].lowerViridowTrifestr_cfit_u10 CustBattDiagNtcConfig_str[7].lowerVoltage_volt_u10p6	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	
	upsedTim target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTin	mo
SystemTime mS T u32	4072407702	TIC
/oltage_Volts_T_u10p6	253	
<pre>c_LOIDetect_Volts_u10p6</pre>	0	
C LOINotDetect Volts u10p6	0	
owVoltageExtraCryteria_Cnt_T_lgc	0	
ntc	CustBattDiagNtc E7	
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_i	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	
arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	17291	
arget_lowerWindowThresh_Cnt_u16	14184	
arget_lowerWindowThresh_Cnt_u16_2	64441	
arget_lowerWindowThresh_Cnt_u16_2_3	18127	
arget_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	
arget_upperVoltage_volt_u10p6	7879	
target_upperVoltage_volt_u10p6_2	57757	
target_upperVoltage_volt_u10p6_2_3	38281	
target_upperVoltage_volt_u10p6_2_3_4 target_upperVoltage_volt_u10p6_2_3_4_5	65232	
0 = 11	16390 9353	
target_upperVoltage_volt_u10p6_2_3_4_5_6	9353 32151	
target_upperVoltage_volt_u10p6_2_3_4_5_6_7 target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	32151 17291	
arget_upperVoltage_volt_u10p6_z_3_4_5_6_7_6 arget_upperWindowThresh_Cnt_u16	57408	
target_upperWindowTriesh_Cnt_u16 target_upperWindowThresh_Cnt_u16_2	18854	
arget_upperWindowThresh_Cnt_u16_2 arget_upperWindowThresh_Cnt_u16_2_3	14707	
target_upperWindowThresh_Cnt_u16_2_3	20117	
target_upperWindowThresh_Cnt_u16_2_3_4 target_upperWindowThresh_Cnt_u16_2_3_4_5	23396	
target_upperWindowThresh_Cnt_u16_2_3_4_5 target_upperWindowThresh_Cnt_u16_2_3_4_5	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	Resu
CustBattDiagNtcTimer Str[0].detectWindow Cnt M u32	1820141330 1820141330	
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330 1820141330 1820141330	



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	✓

Took Ston 2 20 (Depost Count - 4)	
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(Ela	apsedTim target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	1538946772
/oltage_Volts_T_u10p6	317
_LOIDetect_Volts_u10p6	0
_LOINotDetect_Volts_u10p6	0
owVoltageExtraCryteria_Cnt_T_lgc	0
tc	CustBattDiagNtc_E9
arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_	u16_Elap 7581
arget_lowerVoltage_volt_u10p6	50902
arget_lowerVoltage_volt_u10p6_2	37851
arget_lowerVoltage_volt_u10p6_2_3	17264
arget_lowerVoltage_volt_u10p6_2_3_4	31203
arget_lowerVoltage_volt_u10p6_2_3_4_5	35641
arget_lowerVoltage_volt_u10p6_2_3_4_5_6	60718
arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7	49039
arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	30715
arget lowerWindowThresh Cnt u16	51023



Name	Input Value		
target lowerWindowThresh Cnt u16 2	58720		
target lowerWindowThresh Cnt u16 2 3	19566		
target lowerWindowThresh Cnt u16 2 3 4	54077		
target lowerWindowThresh Cnt u16 2 3 4 5	16267		
target lowerWindowThresh Cnt u16 2 3 4 5 6	56651		
target lowerWindowThresh Cnt u16 2 3 4 5 6 7	61857		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	61375		
target_upperVoltage_volt_u10p6	50902		
target_upperVoltage_volt_u10p6_2	37851		
target_upperVoltage_volt_u10p6_2_3	17264		
target_upperVoltage_volt_u10p6_2_3_4	31203		
target_upperVoltage_volt_u10p6_2_3_4_5	35641		
target_upperVoltage_volt_u10p6_2_3_4_5_6	60718		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	49039		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	30715		
target_upperWindowThresh_Cnt_u16	4846		
target_upperWindowThresh_Cnt_u16_2	54707		
target_upperWindowThresh_Cnt_u16_2_3	0		
target_upperWindowThresh_Cnt_u16_2_3_4	64314		
target_upperWindowThresh_Cnt_u16_2_3_4_5	41491		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	27162		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	47585		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	64208		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✓
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✓
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✓
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	✓
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	✓
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2965327068	2965327068	✓
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	~
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1907879047	1907879047	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	44690950	44690950	~
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2594148775	2594148775	✓
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	4072407702	4072407702	~
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	4072407702	4072407702	~
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	1151292551	1151292551	~
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	1151292551	1151292551	✓
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	1538946772	1538946772	~
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1538946772	1538946772	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16	2	Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16	2	~

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



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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_		
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_	_	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_		
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_	_	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_		
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_		
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_		
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6 Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTi	target_lowerVoltage_volt_u10p6_2_3_4_5_m target_Rte_Call_Ap_CustBattDiag_System		odTimo
SystemTime mS T u32	415480456	illie_DtilliiLiapsed lillie_III3_d I0_Liapsi	eurine
Voltage_Volts_T_u10p6	746		
k_LOIDetect_Volts_u10p6	0		
k LOINotDetect Volts u10p6	0		
lowVoltageExtraCryteria Cnt T Igc	0		
ntc	CustBattDiagNtc E2		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Ela			
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 38503		
target_upperVoltage_volt_u10p6_2 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	V
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	44690950	44690950	· ·
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2594148775	2594148775	V
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	4072407702	4072407702	· ·
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	4072407702 1151292551	4072407702 1151292551	
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	1151292551	1151292551	
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	1538946772	1538946772	
CustBattDiagNtcTimer_Str[7].notDetectWindow_Ont_W_u32 CustBattDiagNtcTimer_Str[7].notDetectWindow Cnt_M_u32	1538946772	1538946772	•

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



Test Step 2.40 (Repeat Count = 1) Input Value $CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16$ target_upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6 target_upperVoltage_volt_u10p6 $CustBattDiagNtcConfig_Str[0]. IowerWindowThresh_Cnt_u16$ target lowerWindowThresh Cnt u16 CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6 $CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16$ target upperWindowThresh Cnt u16 2 CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6 target_upperVoltage_volt_u10p6_2 CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2 $CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6$ target_lowerVoltage_volt_u10p6_2 CustBattDiagNtcConfig Str[2].upperWindowThresh Cnt u16 target upperWindowThresh Cnt u16 2 3 $CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6$ target_upperVoltage_volt_u10p6_2_3 CustBattDiagNtcConfig Str[2].lowerWindowThresh Cnt u16 target lowerWindowThresh Cnt u16 2 3 CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3 CustBattDiagNtcConfig Str[3].upperWindowThresh Cnt u16 target upperWindowThresh Cnt u16 2 3 4 CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6 target_upperVoltage_volt_u10p6_2_3_4 CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2_3_4 $CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6$ target_lowerVoltage_volt_u10p6_2_3_4 $CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16$ target_upperWindowThresh_Cnt_u16_2_3_4_5 target_upperVoltage_volt_u10p6_2_3_4_5 $CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6$ CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2_3_4_5 $CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6$ target lowerVoltage volt u10p6 2 3 4 5 CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16 target_upperWindowThresh_Cnt_u16_2_3_4_5_6 target_upperVoltage_volt_u10p6_2_3_4_5_6 CustBattDiagNtcConfig Str[5].upperVoltage volt u10p6 CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3_4_5_6 $CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16$ target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6 target_upperVoltage_volt_u10p6_2_3_4_5_6_7 $CustBattDiagNtcConfig_Str[6]. IowerWindowThresh_Cnt_u16$ target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 $CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16$ target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8 CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6 target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 $CustBattDiagNtcConfig_Str[7]. IowerWindowThresh_Cnt_u16$ target lowerWindowThresh Cnt u16 2 3 4 5 6 7 8 CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTim target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime SystemTime_mS_T_u32 882085837 Voltage_Volts_T_u10p6 230 k_LOIDetect_Volts_u10p6 0 k_LOINotDetect_Volts_u10p6 0 lowVoltageExtraCryteria_Cnt_T_lgc 1 CustBattDiagNtc_E8 $target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap \ \ 30405$ target_lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2 147 30795 target_lowerVoltage_volt_u10p6_2_3 target_lowerVoltage_volt_u10p6_2_3_4 1913 target_lowerVoltage_volt_u10p6_2_3_4_5 40058 58002 target_lowerVoltage_volt_u10p6_2_3_4_5_6 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 38756 $target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8$ target_upperVoltage_volt u10p6 9283 target_upperVoltage_volt_u10p6_2 147 30795 target_upperVoltage_volt_u10p6_2_3 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 28366 $target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8$ target_upperWindowThresh_Cnt_u16 19574 52738 target upperWindowThresh Cnt u16 2 60518 target_upperWindowThresh_Cnt_u16_2_3 12889 target upperWindowThresh Cnt u16 2 3 4 target_upperWindowThresh_Cnt_u16_2_3_4_5 51532 target_upperWindowThresh_Cnt_u16_2_3_4_5_6 5025

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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
		•	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				V
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	✓

N	Innut Value
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_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(ElapsedTi	m target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	905485787
/oltage_Volts_T_u10p6	369
z_LOIDetect_Volts_u10p6	0
z_LOINotDetect_Volts_u10p6	0
owVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E8
arget Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Ela	ıp 65279
arget_lowerVoltage_volt_u10p6	49390
arget_lowerVoltage_volt_u10p6_2	18996



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



CustbattDiag_ReportFaultWithHisteresis			ACTUAL
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_		
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6		
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_		
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_	_	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	_	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_		
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_		
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6		The second Time of
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin		ime_DtrmnEiapsedTime_m5_u16_i	±iapsed i ime
SystemTime_mS_T_u32	2861168262		
Voltage_Volts_T_u10p6	543		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc ntc	0 CustBattDiagNtc_E2		
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Ela			
	7278		
target_lowerVoltage_volt_u10p6	27858		
target_lowerVoltage_volt_u10p6_2	60859		
target_lowerVoltage_volt_u10p6_2_3 target_lowerVoltage_volt_u10p6_2_3 4	20770		
· · · · · · · · · · · · · · · · · · ·	31123		
target_lowerVoltage_volt_u10p6_2_3_4_5 target_lowerVoltage_volt_u10p6_2_3_4_5	23003		
· · · · · · · · · · · · · · · · · · ·	49655		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	9895		
target_lowerWindowThresh_Cnt_u16	23372		
target lowerWindowThresh Cnt u16 2	49204		
target lowerWindowThresh Cnt u16 2 3	53138		
target lowerWindowThresh Cnt u16 2 3 4	65535		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	43547		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	62018		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	35311		
target lowerWindowThresh Cnt u16 2 3 4 5 6 7 8	25027		
target upperVoltage volt u10p6	7278		
target_upperVoltage_volt_u10p6_2	27858		
target upperVoltage volt u10p6 2 3	60859		
target upperVoltage volt u10p6 2 3 4	20770		
target_upperVoltage_volt_u10p6_2_3_4_5	31123		
target_upperVoltage_volt_u10p6_2_3_4_5_6	23003		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	49655		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	9895		
target_upperWindowThresh_Cnt_u16	8461		
target_upperWindowThresh_Cnt_u16_2	926		
target_upperWindowThresh_Cnt_u16_2_3	11267		
target_upperWindowThresh_Cnt_u16_2_3_4	3092		
target_upperWindowThresh_Cnt_u16_2_3_4_5	4487		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	9465		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	37184		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	2995		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	•
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	•
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	•
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	•
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2861168262	2861168262	•
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2861168262	2861168262	•
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	•
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1907879047	1907879047	•
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	44690950	44690950	•
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2594148775	2594148775	•
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	4072407702	4072407702	-
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	4072407702	4072407702	~
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	905485787	905485787	✓



Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	905485787	905485787	✓
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	1538946772	1538946772	✓
Cust Dath Disable Times Stri71 not Date at Mindow, Cat. M. 122	1530046773	4500046770	

Test Step Call Trace				V
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	✓

est Step 2.43 (Repeat Count = 1)	Innut Value
lame	Input Value
custBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
custBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
ustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
ustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
ustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
ustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
ustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
ustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
ustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
ustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
ustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
ustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
ustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
ustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
stBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
ustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
ustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
stBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
ustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
ustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
ustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
ustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
ustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
ustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
ustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
ustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
ustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
ustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
ustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
ustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
ustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
ustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
te_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(Ela	psedTim target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
ystemTime_mS_T_u32	2134142177
oltage_Volts_T_u10p6	558
LOIDetect_Volts_u10p6	0
LOINotDetect Volts u10p6	0
wVoltageExtraCryteria_Cnt_T_lgc	0
c	CustBattDiagNtc E9
rget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u	· -
rget_lowerVoltage_volt_u10p6	45147
get lowerVoltage volt u10p6 2	60741
rget lowerVoltage volt u10p6 2 3	54460
get_lowerVoltage_volt_u10p6_2_3_4	21822
rget lowerVoltage volt u10p6 2 3 4 5	19768
rget lowerVoltage volt u10p6 2 3 4 5 6	33674
rget_lowerVoltage_volt_u10p6_2_3_4_5_6_7	12214
rget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	27041
rget lowerWindowThresh Cnt u16	98
rget lowerWindowThresh Cnt u16 2	50401
rget lowerWindowThresh Cnt u16 2 3	64278
rget lowerWindowThresh Cnt u16 2 3 4	19777
rget_lowerWindowThresh_Crit_u16_2_3_4 rget_lowerWindowThresh_Crit_u16_2_3_4 5	63724
rget_lowerWindowThresh_Cnt_u16_2_3_4_5_6	3885
rget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	56188
rrget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	32131
irget_upperVoltage_volt_u10p6	45147
rget_upperVoltage_volt_u10p6_2	60741



CustBattDiag_ReportFaultWithHisteresis	1010-03-11, 14.29.19 10000	9	Razorcat
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	•

T 101 011/D 10 1 1	
Test Step 2.44 (Repeat Count = 1)	<u> </u>
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8



Name	Input Value		
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	5_7_8	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemT	ime_DtrmnElapsedTime_mS_u16_ElapsedTir	me
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	



		•	0
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	3	
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3		
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3		
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3		
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	3_4	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4		
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	_4	
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4		
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	3_4_5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	5	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	_4_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5		
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	3_4_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	_	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5	_6	
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5		
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3		
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5		
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3		
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5		
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3		
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime_mS_u16)		nTime_DtrmnElapsedTime_mS_u16_ElapsedTi	me
SystemTime_mS_T_u32	3096619583		
Voltage_Volts_T_u10p6	31		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc	0		
ntc	CustBattDiagNtc_E9		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_			
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		
	62447		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	10001		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	19261		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8 Name	Actual Value	Expected Value	
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8 Name CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	Actual Value 1820141330	1820141330	•
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8 Name CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	Actual Value 1820141330 1820141330	1820141330 1820141330	
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8 Name CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	Actual Value 1820141330 1820141330 2222682785	1820141330 1820141330 2222682785	Resul
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8 Name CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	Actual Value 1820141330 1820141330	1820141330 1820141330	•



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(ElapsedT	im_target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	3913056023
Voltage_Volts_T_u10p6	811
k LOIDetect Volts u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E7
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_El	
target_lowerVoltage_volt_u10p6	54576
target lowerVoltage volt u10p6 2	4884
target_lowerVoltage_volt_u10p6_2_3	13645
target lowerVoltage volt u10p6 2 3 4	49734
target lowerVoltage volt u10p6 2 3 4 5	32390
target lowerVoltage volt u10p6 2 3 4 5 6	48289
target lowerVoltage volt u10p6 2 3 4 5 6 7	34685
target lowerVoltage volt u10p6 2 3 4 5 6 7 8	20300
target lowerWindowThresh Cnt u16	6409



Name	Input Value		
target_lowerWindowThresh_Cnt_u16_2	9579		
target_lowerWindowThresh_Cnt_u16_2_3	48803		
target_lowerWindowThresh_Cnt_u16_2_3_4	21812		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	32117		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	20502		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	48500		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	5641		
target_upperVoltage_volt_u10p6	54576		
target_upperVoltage_volt_u10p6_2	48884		
target_upperVoltage_volt_u10p6_2_3	13645		
target_upperVoltage_volt_u10p6_2_3_4	49734		
target_upperVoltage_volt_u10p6_2_3_4_5	32390		
target_upperVoltage_volt_u10p6_2_3_4_5_6	48289		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	34685		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	20300		
target_upperWindowThresh_Cnt_u16	11876		
target_upperWindowThresh_Cnt_u16_2	6006		
target_upperWindowThresh_Cnt_u16_2_3	49449		
target_upperWindowThresh_Cnt_u16_2_3_4	19463		
target_upperWindowThresh_Cnt_u16_2_3_4_5	16462		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	48188		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	33015		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	42555		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	~
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✓
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✓
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	✓
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2861168262	2861168262	✓
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2861168262	2861168262	✓
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	✓
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1907879047	1907879047	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	44690950	44690950	✓
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2594148775	2594148775	•
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	4072407702	4072407702	✓
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	3913056023	3913056023	~
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	905485787	905485787	~
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2179627810	2179627810	~
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3096619583	3096619583	~
CustBattDiagNtcTimer Str[7].notDetectWindow Cnt M u32	3096619583	3096619583	✓

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

Test Step 2.47 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6

TEST DETAILS REPORT

2018-05-17, 14:29:19+0530



CustBattDiag_ReportFaultWithHisteresis

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_	_	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	1_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_0	_	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_		
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_		
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTir	n target_Rte_Call_Ap_CustBattDiag_SystemT 2395872501	ime_DtrmnElapsedTime_mS_u16_Elapsed	rime
SystemTime_mS_T_u32 Voltage_Volts_T_u10p6	712		
k LOIDetect Volts u10p6	0		
k LOINotDetect Volts u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc	0		
ntc	CustBattDiagNtc E8		
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Ela	· -		
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 6508		
target_upperVoltage_volt_u10p6_2 target_upperVoltage_volt_u10p6_2_3	9403		
target_upperVoltage_volt_u10p6_2_3_4	29344		
target_upperVoltage_volt_u10p6_2_3_4_5	33060		
target_upperVoltage_volt_u10p6_2_3_4_5_6	45885		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	3292		
target upperVoltage volt u10p6 2 3 4 5 6 7 8	47765		
target upperWindowThresh Cnt u16	5575		
target_upperWindowThresh_Cnt_u16_2	11691		
target upperWindowThresh Cnt u16 2 3	50495		
target_upperWindowThresh_Cnt_u16_2_3_4	0		
target_upperWindowThresh_Cnt_u16_2_3_4_5	1893		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	26101		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	8633		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	1749		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	~
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	~
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	•
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	•
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2861168262	2861168262	•
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2861168262	2861168262	•
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	-
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1907879047	1907879047	•
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	44690950	44690950	-
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2594148775	2594148775	•
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	4072407702	4072407702	•
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	3913056023	3913056023	•
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2395872501	2395872501	•
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2395872501	2395872501	-
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3096619583	3096619583	•
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3096619583	3096619583	✓



Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~
Rte Call Ap CustBattDiag NxtrDiagMgr SetNTCStatus	1	Rte Call Ap CustBattDiag NxtrDiagMgr SetNTCStatus	1	✓

est Step 2.48 (Repeat Count = 1)	
ame	Input Value
ustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
ustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
ustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
ustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
ustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
ustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
ustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
ustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
ustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
ustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
ustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
ustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
ustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
ustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
ustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
ustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
ustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
ustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
ustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
ustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
ustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
ustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
ustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
ustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
ustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
ustBattDiagNtcConfig Str[6].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7
ustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
ustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4 5 6 7
ustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
ustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
ustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
ustBattDiagNtcConfig Str[7].lowerVoltage volt u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
· · · · · · · · · · · · · · · · · · ·	
ystemTime mS T u32	3487010748
oltage_Volts_T_u10p6	174
	0
	0
	0
c	CustBattDiagNtc_E2
rget Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap	
rget_lowerVoltage_volt_u10p6	33657
rget_lowerVoltage_volt_u10p6_2	21442
rget_lowerVoltage_volt_u10p6_2_3	16127
rget_lowerVoltage_volt_u10p6_2_3_4	16637
rget lowerVoltage_volt_u10p6_2_3_4	12489
rget_lowerVoltage_volt_u10p6_2_3_4_5	42087
rget lowerVoltage_volt_u10p6_2_3_4_5_6 rget lowerVoltage_volt_u10p6_2_3_4_5_6 7	44659
rget_lowerVoltage_volt_u10p6_2_3_4_5_6_7 rget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	14777
rget lowerWindowThresh Cnt u16	62738
rget_lowerWindowThresh_Cnt_u16_2	38266
rget lowerWindowThresh Cnt u16 2 3	59889
get_lowerWindowThresh_Cnt_u16_2_3	
	49778
rget_lowerWindowThresh_Cnt_u16_2_3_4_5	8238
rget_lowerWindowThresh_Cnt_u16_2_3_4_5_6	46403
rget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	41722
rget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	3617
	33657
riget upperVoltage volt u10p6 2	21442
irget_upperVoltage_volt_u10p6_2_3 irget_upperVoltage_volt_u10p6_2_3_4	16127 16637



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				V
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(Ela	psedTim target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	96849749
Voltage_Volts_T_u10p6	865



Name	Input Value		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc	0		
ntc	CustBattDiagNtc_E9		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	12437		
target_lowerVoltage_volt_u10p6	44080		
target_lowerVoltage_volt_u10p6_2	57313		
target_lowerVoltage_volt_u10p6_2_3	60255		
target_lowerVoltage_volt_u10p6_2_3_4	57939		
target_lowerVoltage_volt_u10p6_2_3_4_5	42535		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	17645		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	4421		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	23673		
target_lowerWindowThresh_Cnt_u16	63216		
target_lowerWindowThresh_Cnt_u16_2	21262		
target_lowerWindowThresh_Cnt_u16_2_3	58280		
target_lowerWindowThresh_Cnt_u16_2_3_4	48612		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	45094		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	15921		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	50664		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	60039		
target_upperVoltage_volt_u10p6	44080		
target_upperVoltage_volt_u10p6_2	57313		
target_upperVoltage_volt_u10p6_2_3	60255		
target_upperVoltage_volt_u10p6_2_3_4	57939		
target_upperVoltage_volt_u10p6_2_3_4_5	42535		
target_upperVoltage_volt_u10p6_2_3_4_5_6	17645		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	4421		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	23673		
target_upperWindowThresh_Cnt_u16	33222		
target_upperWindowThresh_Cnt_u16_2	22855		
target_upperWindowThresh_Cnt_u16_2_3	22082		
target_upperWindowThresh_Cnt_u16_2_3_4	576		
target_upperWindowThresh_Cnt_u16_2_3_4_5	2277		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	43186		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	36158		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	38181		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	-
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	-
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	•
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	3487010748	3487010748	
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3487010748	3487010748	-
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	
CustBattDiagNtcTimer Str[3].notDetectWindow Cnt M u32	1907879047	1907879047	•
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	44690950	44690950	
CustBattDiagNtcTimer Str[4].notDetectWindow Cnt M u32	2594148775	2594148775	
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	4072407702	4072407702	
CustBattDiagNtcTimer Str[5].notDetectWindow Cnt M u32	3913056023	3913056023	
CustBattDiagNtcTimer Str[6].detectWindow Cnt M u32	2395872501	2395872501	
CustBattDiagNtcTimer Str[6].notDetectWindow Cnt M u32	2395872501	2395872501	
CustBattDiagNtcTimer Str[7].detectWindow_Cnt_M_u32	96849749	96849749	

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	



Cusibalibiag_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 CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_lowerVoltage_volt_u10p6_2_3_4 target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig Str[4].lowerWindowThresh Cnt u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig Str[4].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(Elapsi	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 edTim 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 34785
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 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 target_upperWindowThresh_Cnt_u16_2_3	25640 1751
target_upperWindowThresh_Cnt_u16_2_3 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 Resu
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
	3487010748 3487010748
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3487010748 3487010748
	3487010748 3487010748 2855943358 2855943358
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2.00.00.00

TEST DETAILS REPORT

2018-05-17, 14:29:19+0530



CustBattDiag_ReportFaultWithHisteresis	,		Razorcat	
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	~

lomo	Innut Value
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6 target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3 target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3 target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target upperWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_lowerVoltage_volt_u10p6_2_3_4 target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].uppervvindow1nresn_Cnt_u16 CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target lowerWindowThresh Cnt u16 2 3 4 5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig_Str[4].lowerVoltage_Volt_u10p0	target upperWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig Str[5].lowerVoltage volt u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh Cnt u16	target_lowerVollage_voll_u1opo_z1_4_5_6 target_upperWindowThresh Cnt u16 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_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(Elap	
SystemTime_mS_T_u32	3867246855
/oltage_Volts_T_u10p6	131
_LOIDetect_Volts_u10p6	0
LOINotDetect Volts u10p6	0
EGNoteSect_volis_u1opo pwVoltageExtraCryteria_Cnt_T_lgc	0
ttc	CustBattDiagNtc_E2
arget Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u1	
arget_lowerVoltage_volt_u10p6	41510
arget lowerVoltage volt u10p6 2	6747
arget_lowerVoltage_volt_u10p6_2_3	20214
arget_lowerVoltage_volt_u10p6_2_3_4	38092
arget_lowerVoltage_volt_u10p6_2_3_4_5	65458
arget lowerVoltage volt u10p6 2 3 4 5 6	26258
arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7	1071
arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	35755
arget_lowerWindowThresh Cnt u16	32611
arget lowerWindowThresh Cnt u16 2	61756
arget lowerWindowThresh_Cnt_u16_2	3835
arget lowerWindowThresh_Cnt_u16_2_3	60723
arget_lowerWindowThresh_Cnt_u16_2_3_4 arget_lowerWindowThresh_Cnt_u16_2_3_4_5	65535
arget lowerWindowThresh Cnt u16 2 3 4 5 6	43982
arget lowerWindowThresh Cnt u16 2 3 4 5 6 7	55512
arget lowerWindowThresh Cnt u16 2 3 4 5 6 7 8	34260



Name	Input Value		
target_upperVoltage_volt_u10p6	41510		
target_upperVoltage_volt_u10p6_2	6747		
target_upperVoltage_volt_u10p6_2_3	20214		
target_upperVoltage_volt_u10p6_2_3_4	38092		
target_upperVoltage_volt_u10p6_2_3_4_5	65458		
target_upperVoltage_volt_u10p6_2_3_4_5_6	26258		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	1071		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	35755		
target_upperWindowThresh_Cnt_u16	18439		
target_upperWindowThresh_Cnt_u16_2	64793		
target_upperWindowThresh_Cnt_u16_2_3	54698		
target_upperWindowThresh_Cnt_u16_2_3_4	4224		
target_upperWindowThresh_Cnt_u16_2_3_4_5	17996		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	6965		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	27532		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	61292		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	~
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✓
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	~
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	✓
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	3867246855	3867246855	~
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3867246855	3867246855	✓
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	✓
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1907879047	1907879047	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	44690950	44690950	✓
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2594148775	2594148775	✓
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2824741804	2824741804	✓
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2824741804	2824741804	✓
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2395872501	2395872501	✓
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2395872501	2395872501	✓
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	96849749	96849749	✓
CustBattDiagNtcTimer Str[7].notDetectWindow Cnt M u32	96849749	96849749	✓

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

Test Step 2.52 (Repeat Count = 1)	Innut Value
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig Str[5].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5 6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig Str[6].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig Str[6].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5 6 7



Name	Input Value		
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	_5_6_7_8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8		
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	_7_8	
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_DtrmnElapsedTime_mS_u16_ElapsedTim	ne
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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSu$	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	ı	
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



CustbattDiag_ReportFaultWittiFisteresis		- Julien	210
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	1	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4		
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerVoltage_volt_u10p6_2_3_4		
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target upperWindowThresh Cnt u16 2 3 4	1.5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	•	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target lowerWindowThresh Cnt u16 2 3 4	1.5	
CustBattDiagNtcConfig Str[4].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5		
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target upperWindowThresh Cnt u16 2 3 4	4 5 6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_0		
CustBattDiagNtcConfig Str[5].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4		
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	 }	
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5 0		
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	 _5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	 S_7	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_0	6_7_8	
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	6_7_8	
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) = 0.000 + 0$	target_Rte_Call_Ap_CustBattDiag_SystemT	ime_DtrmnElapsedTime_mS_u16_ElapsedTim	ne
SystemTime_mS_T_u32	658449114		
Voltage_Volts_T_u10p6	878		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc	0		
ntc	CustBattDiagNtc_E8		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap			
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 target_lowerWindowThresh_Cnt_u16_2_3_4_5	41323 26764		
	26764		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	24670		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	25653		
target_lowervindowInresn_Cnt_u16_2_3_4_5_6_7_8 target_upperVoltage_volt_u10p6	29082		
target_upperVoltage_volt_u1up6 target_upperVoltage_volt_u10p6_2	39550		
target_upperVoltage_volt_u1upo_2 target_upperVoltage_volt_u1upo_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		
gov_apportringoviringoviringovirus			
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	43076		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	43076	Expected Value	Postul
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8 Name CustBattDiagNtcTimer Str[0].detectWindow Cnt M u32	43076 Actual Value 1820141330	Expected Value 1820141330	Resu



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	-

est Step 2.54 (Repeat Count = 1)	
ame	Input Value
ustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
ustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
ustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
ustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
ustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
ustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
ustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
ustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
ustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
ustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
ustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
ustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
ustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
ustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
ustBattDiagNtcConfig Str[3].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4
ustBattDiagNtcConfig Str[3].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4
ustBattDiagNtcConfig Str[4].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5
ustBattDiagNtcConfig Str[4].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5
ustBattDiagNtcConfig Str[4].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5
ustBattDiagNtcConfig Str[4].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5
ustBattDiagNtcConfig Str[5].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6
ustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
ustBattDiagNtcConfig Str[5].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6
ustBattDiagNtcConfig Str[5].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5 6
ustBattDiagNtcConfig Str[6].upperWindowThresh Cnt u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
ustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7
ustBattDiagNtcConfig Str[6].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6 7
ustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4 5 6 7
ustBattDiagNtcConfig_Str[7].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6 7 8
ustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7 8
ustBattDiagNtcConfig_Str[7].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6 7 8
ustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4 5 6 7 8
te Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTim	
ystemTime mS T u32	2831648648
oltage Volts T u10p6	555
LOIDetect Volts u10p6	0
LOINotDetect Volts u10p6	0
wVoltageExtraCryteria Cnt T Igc	0
w voltage Extra Gryteria_Grit_ i _igc	CustBattDiagNtc E2
rget Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap	
	39014
rget_lowerVoltage_volt_u10p6	10044
rget_lowerVoltage_volt_u10p6_2	11212
rget_lowerVoltage_volt_u10p6_2_3	60330
rget_lowerVoltage_volt_u10p6_2_3_4	
rget_lowerVoltage_volt_u10p6_2_3_4_5	65535



Input Value		
48097		
51910		
39513		
54341		
46119		
43080		
6832		
64503		
10222		
1694		
39014		
10044		
11212		
60330		
65535		
25562		
48097		
51910		
38231		
1303		
12130		
39392		
57094		
16695		
37149		
31741		
Actual Value	Expected Value	Result
1820141330	1820141330	•
1820141330	1820141330	•
2222682785	2222682785	•
2120574965	2120574965	•
2831648648	2831648648	•
2831648648	2831648648	✓
255461674	255461674	•
255461674	255461674	✓
44690950	44690950	~
2594148775	2594148775	✓
2824741804	2824741804	•
2824741804	2824741804	✓
658449114	658449114	-
658449114	658449114	•
96849749	96849749	•
96849749	96849749	~
	48097 51910 39513 54341 46119 43080 6832 64503 10222 1694 39014 10044 11212 60330 65535 25562 48097 51910 38231 1303 12130 39392 57094 16695 37149 31741 Actual Value 1820141330 1820141330 1820141330 2222682785 2120574965 2831648648	48097 51910 39513 54341 46119 43080 6832 64503 10222 1694 39014 10044 11212 60330 65535 25562 48097 51910 38231 1303 12130 39392 57094 16695 37149 31741 Actual Value 1820141330 1820141330 1820141330 1820141330 1820141330 1820141330 1820141330 1820141330 182014134 182014135 182014136 222682785 2120574965

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



CustbattDiag_ReportFaultWittinisteresis			TUACITU
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	1_ 5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5		
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_		
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_		
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_		
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_		
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_upperVoltage_volt_u10p6_2_3_4_5_ target_lowerWindowThresh_Cnt_u16_2_3_4	_	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_t		
CustBattDiagNtcConfig Str[7].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3		
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5		
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	 1_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_0	6_7_8	
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTime	target_Rte_Call_Ap_CustBattDiag_SystemT	ime_DtrmnElapsedTime_mS_u	u16_ElapsedTime
SystemTime_mS_T_u32	3517515874		
Voltage_Volts_T_u10p6	278		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc	0		
ntc	CustBattDiagNtc_E9		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elapset_leves\(\text{lower} \) \(18906		
target_lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6 2	20629		
target lowerVoltage_volt_u10p6_2 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 20629		
target_upperVoltage_volt_u10p6_2 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	I=	1_
Name	Actual Value	Expected Value	Resu
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		2222602705	
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2222682785	2222682785	
CustBattDiagNtcTimer_Str[2] detectWindow_Cnt_M_u32	2222682785 2120574965	2120574965	
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2222682785 2120574965 2831648648	2120574965 2831648648	
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2222682785 2120574965	2120574965	
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2222682785 2120574965 2831648648 2831648648 255461674	2120574965 2831648648 2831648648	
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	2222682785 2120574965 2831648648 2831648648	2120574965 2831648648 2831648648 255461674	
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2222682785 2120574965 2831648648 2831648648 255461674	2120574965 2831648648 2831648648 255461674 255461674	
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	2222682785 2120574965 2831648648 2831648648 255461674 255461674 44690950	2120574965 2831648648 2831648648 255461674 255461674 44690950	
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2222682785 2120574965 2831648648 2831648648 255461674 255461674 44690950 2594148775	2120574965 2831648648 2831648648 255461674 255461674 44690950 2594148775	
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2222682785 2120574965 2831648648 2831648648 255461674 255461674 44690950 2594148775 2824741804	2120574965 2831648648 2831648648 255461674 255461674 44690950 2594148775 2824741804	
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2222682785 2120574965 2831648648 2831648648 255461674 255461674 44690950 2594148775 2824741804	2120574965 2831648648 2831648648 255461674 255461674 44690950 2594148775 2824741804 2824741804	
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2222682785 2120574965 2831648648 2831648648 255461674 255461674 44690950 2594148775 2824741804 658449114	2120574965 2831648648 2831648648 255461674 255461674 44690950 2594148775 2824741804 2824741804 658449114	



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	~

Гest 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_Ctt[4].lowerVoltage_volt_u1opo	target upperWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6
5 62 17 2 2	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_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(Elaps	sedTim target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	1049104167
/oltage_Volts_T_u10p6	128
LOIDetect_Volts_u10p6	0
_LOINotDetect_Volts_u10p6	0
owVoltageExtraCryteria_Cnt_T_lgc	1
tc	CustBattDiagNtc_E9
arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u1	6_Elap 26013
arget lowerVoltage volt u10p6	28980
arget lowerVoltage volt u10p6 2	44361
arget_lowerVoltage_volt_u10p6_2_3	9514
arget lowerVoltage volt u10p6 2 3 4	23048
arget lowerVoltage volt u10p6 2 3 4 5	34180
arget lowerVoltage volt u10p6 2 3 4 5 6	59115
arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7	16516
arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	11143
arget_lowerVoitage_voit_u10po_z_3_4_5_6_7_6 arget_lowerWindowThresh_Cnt_u16	10021
arget_lowerWindowThresh_Cnt_u16 arget_lowerWindowThresh_Cnt_u16_2	64191
arget_lowerWindowThresh_Cnt_u16_2_3	30829
arget_lowerWindowThresh_Cnt_u16_2_3_4	9384
arget_lowerWindowThresh_Cnt_u16_2_3_4_5	50215
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6	61636
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	54550
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	6411
arget_upperVoltage_volt_u10p6	28980
arget_upperVoltage_volt_u10p6_2	44361
arget_upperVoltage_volt_u10p6_2_3	9514
arget_upperVoltage_volt_u10p6_2_3_4	23048
arget_upperVoltage_volt_u10p6_2_3_4_5	34180



Name	Input Value		
target_upperVoltage_volt_u10p6_2_3_4_5_6	59115		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	16516		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	11143		
target_upperWindowThresh_Cnt_u16	23161		
target_upperWindowThresh_Cnt_u16_2	50277		
target_upperWindowThresh_Cnt_u16_2_3	60630		
target_upperWindowThresh_Cnt_u16_2_3_4	18485		
target_upperWindowThresh_Cnt_u16_2_3_4_5	0		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	39139		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	5683		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	43608		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	*
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	~
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	~
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	~
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2831648648	2831648648	~
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2831648648	2831648648	~
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	~
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	255461674	255461674	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	44690950	44690950	✓
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2594148775	2594148775	✓
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2824741804	2824741804	~
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2824741804	2824741804	~
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	658449114	658449114	✓
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	658449114	658449114	✓
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3517515874	3517515874	✓
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1049104167	1049104167	✓

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

T4 04 0 F7 (P4 04 - 4)	.a
Test Step 2.57 (Repeat Count = 1)	Invest Value
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_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	n target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime

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Name	Input Value		
SystemTime_mS_T_u32	3517090381		
Voltage_Volts_T_u10p6	765		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc	0		
ntc	CustBattDiagNtc_E6		
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16	6 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	Result
	1820141330	1820141330	
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32		2222682785	
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785		
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[2].notDetectWindow Cnt M u32	2831648648 2831648648	2831648648	
	255461674	2831648648	
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32		255461674	
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer Str[4].detectWindow Cnt M u32	255461674	255461674	
	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				V
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	



		[OLO]	COID
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 CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_lowerVoltage_volt_u10p6_2_3_4 target_upperWindowThresh_Cnt_u16_2_3_4	5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	,_5	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh Cnt_u16	target lowerWindowThresh Cnt u16 2 3 4	5	
CustBattDiagNtcConfig Str[4].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5		
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	5.6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6		
CustBattDiagNtcConfig Str[5].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4		
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6		
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	 S_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	_7	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	_5_6_7_8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	3_7_8	
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim		me_DtrmnElapsedTime_mS_u16_ElapsedTi	me
SystemTime_mS_T_u32	1736390532		
/oltage_Volts_T_u10p6	394		
x_LOIDetect_Volts_u10p6	0		
C_LOINotDetect_Volts_u10p6	0		
owVoltageExtraCryteria_Cnt_T_lgc	1		
otto	CustBattDiagNtc_E9		
arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap			
arget_lowerVoltage_volt_u10p6	44264 57156		
arget_lowerVoltage_volt_u10p6_2 arget_lowerVoltage_volt_u10p6_2_3	34701		
arget_lowerVoltage_volt_u10p6_2_3_4	62451		
arget_lowerVoltage_volt_u10p6_2_3_4_5	10784		
arget lowerVoltage volt u10p6 2 3 4 5 6	17145		
arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7	17966		
arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	44460		
arget lowerWindowThresh Cnt u16	61816		
arget lowerWindowThresh Cnt u16 2	21657		
arget_lowerWindowThresh_Cnt_u16_2_3	57160		
arget_lowerWindowThresh_Cnt_u16_2_3_4	4102		
arget_lowerWindowThresh_Cnt_u16_2_3_4_5	50932		
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6	33744		
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	47273		
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	55839		
arget_upperVoltage_volt_u10p6	44264		
arget_upperVoltage_volt_u10p6_2	57156		
arget_upperVoltage_volt_u10p6_2_3	34701		
arget_upperVoltage_volt_u10p6_2_3_4	62451		
arget_upperVoltage_volt_u10p6_2_3_4_5	10784		
arget_upperVoltage_volt_u10p6_2_3_4_5_6	17145		
arget_upperVoltage_volt_u10p6_2_3_4_5_6_7	17966		
arget_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	44460		
arget_upperWindowThresh_Cnt_u16	41176		
arget_upperWindowThresh_Cnt_u16_2	7203		
arget_upperWindowThresh_Cnt_u16_2_3	61871		
arget_upperWindowThresh_Cnt_u16_2_3_4	40609		
arget_upperWindowThresh_Cnt_u16_2_3_4_5	22572		
arget_upperWindowThresh_Cnt_u16_2_3_4_5_6	5123		
arget_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	44432		
	54165		
arget_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8		Expected Value	Resu
Name	Actual Value	Expected value	
	1820141330	1820141330	rtoot
Name		•	
Name CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	
Name CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330 1820141330	1820141330 1820141330	
Name CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	1820141330 1820141330 2222682785	1820141330 1820141330 2222682785	



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	~

Name	Input Value
CustBattDiagNtcConfig Str[0].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target upperVoltage volt u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6
CustBattDiagNtcConfig_Str[0].lowervoitage_voit_u10p0	target upperWindowThresh Cnt u16 2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2 target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[2].lowerWindowThresh	target_lowerWindowThresh Cnt u16 2 3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_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(ElapsedTire_	
SystemTime_mS_T_u32	2625398704
/oltage_Volts_T_u10p6	599
:_LOIDetect_Volts_u10p6	0
z_LOINotDetect_Volts_u10p6	0
pwVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E2
arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Ela	p 44794
arget_lowerVoltage_volt_u10p6	24484
arget_lowerVoltage_volt_u10p6_2	49381
arget_lowerVoltage_volt_u10p6_2_3	35172
arget_lowerVoltage_volt_u10p6_2_3_4	14038
arget_lowerVoltage_volt_u10p6_2_3_4_5	5902
arget_lowerVoltage_volt_u10p6_2_3_4_5_6	61845
arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7	28520
arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	8412
arget_lowerWindowThresh_Cnt_u16	16467
arget_lowerWindowThresh_Cnt_u16_2	37461
arget_lowerWindowThresh_Cnt_u16_2_3	46460
arget lowerWindowThresh Cnt u16 2 3 4	33569
arget_lowerWindowThresh_Cnt_u16_2_3_4_5	22092
arget lowerWindowThresh Cnt u16 2 3 4 5 6	0



Name	Input Value		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	25985		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	50317		
target_upperVoltage_volt_u10p6	24484		
target_upperVoltage_volt_u10p6_2	49381		
target_upperVoltage_volt_u10p6_2_3	35172		
target_upperVoltage_volt_u10p6_2_3_4	14038		
target_upperVoltage_volt_u10p6_2_3_4_5	5902		
target_upperVoltage_volt_u10p6_2_3_4_5_6	61845		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	28520		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	8412		
target_upperWindowThresh_Cnt_u16	17560		
target_upperWindowThresh_Cnt_u16_2	51350		
target_upperWindowThresh_Cnt_u16_2_3	22018		
target_upperWindowThresh_Cnt_u16_2_3_4	46585		
target_upperWindowThresh_Cnt_u16_2_3_4_5	12304		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	37780		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	62658		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	57025		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✓
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✓
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✓
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	✓
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2831648648	2831648648	✓
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2625398704	2625398704	✓
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	✓
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	255461674	255461674	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3517090381	3517090381	~
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3517090381	3517090381	~
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2824741804	2824741804	~
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2824741804	2824741804	✓
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	658449114	658449114	✓
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	658449114	658449114	✓
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3517515874	3517515874	✓
CustBattDiagNtcTimer Str[7].notDetectWindow Cnt M u32	1736390532	1736390532	✓

Test Step Call Trace		V		
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	•

Test Step 2.60 (Repeat Count = 1)		
Name	Input Value	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4	
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	



Name	Input Value		
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	3_7	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	1_5_6_7_8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	6_7_8	
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	5_7_8	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTi	ime_DtrmnElapsedTime_mS_u16_Elapse	dTime
SystemTime_mS_T_u32	391129204		
Voltage_Volts_T_u10p6	71		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc	0		
ntc	CustBattDiagNtc_E7		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	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 44346		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	8658		
target_upperWindowThresh_Cnt_u16 target_upperWindowThresh_Cnt_u16_2	18000		
target_upperWindowTriresh_Crit_u16_2 target_upperWindowThresh_Crit_u16_2_3	24352		
target_upperWindowThresh_Cnt_u16_2_3 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 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	Result
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	
CustBattDiagNtcTimer_Str[1].detectWindow_Crit_in_u32 CustBattDiagNtcTimer_Str[1].detectWindow_Crit_M_u32	2222682785	2222682785	
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_w_u32 CustBattDiagNtcTimer_Str[1].notDetectWindow Cnt M u32	2120574965	2120574965	-
CustBattDiagNtcTimer_Str[1].notbetectWindow_Cnt_M_d32 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



CustbattDiag_ReportFaultWithHisteresis			<i>3</i> 40
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	4	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4		
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4		
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	1_5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	-	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	·_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_lowerVoltage_volt_u10p6_2_3_4_5	1.5.6	
	target_upperVioltage_volt_u10p6_2_3_4		
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_upperVoltage_volt_u10p6_2_3_4_5_6 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6		
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6		
CustBattDiagNtcConfig_Str[6].upperWindowThresh Cnt u16	target_lowerVoltage_volt_u10p6_2_3_4_5_6 target_upperWindowThresh_Cnt_u16_2_3_4_5		
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6		
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	_	
CustBattDiagNtcConfig Str[6].lowerVoltage volt u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6		
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	_	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6		
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig Str[7].lowerVoltage volt u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim		 ime_DtrmnElapsedTime_mS_u16_ElapsedTin	ne
SystemTime_mS_T_u32	2835788790		
Voltage_Volts_T_u10p6	119		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc	0		
ntc	CustBattDiagNtc_E2		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$			
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 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	20502 56194		
0 = 0 = 1 = 1 = 1 = 1	30996		
target_lowerWindowThresh_Cnt_u16	59116		
target_lowerWindowThresh_Cnt_u16_2 target_lowerWindowThresh_Cnt_u16_2_3	52422		
target_lowerWindowThresh_Cnt_u16_2_3 target_lowerWindowThresh_Cnt_u16_2_3_4	48579		
target lowerWindowThresh Cnt u16 2 3 4 5	49201		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	26065		
target lowerWindowThresh Cnt u16 2 3 4 5 6 7	31891		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	58909		
target upperVoltage volt u10p6	2127		
target upperVoltage volt u10p6 2	940		
target upperVoltage volt u10p6 2 3	53412		
target upperVoltage volt u10p6 2 3 4	3480		
target upperVoltage volt u10p6 2 3 4 5	21358		
target_upperVoltage_volt_u10p6_2_3_4_5_6	14779		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	20502		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	56194		
target_upperWindowThresh_Cnt_u16	62077		
target_upperWindowThresh_Cnt_u16_2	7233		
target_upperWindowThresh_Cnt_u16_2_3	11097		
target_upperWindowThresh_Cnt_u16_2_3_4	50704		
target_upperWindowThresh_Cnt_u16_2_3_4_5	48392		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	49161		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	5923		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	28954		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	~



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

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

= (a) aaa(b) (a) (b)	
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	
SystemTime mS T u32	1068296982
Voltage Volts T u10p6	837
k LOIDetect Volts u10p6	0
k LOINotDetect Volts u10p6	0
lowVoltageExtraCryteria Cnt T Igc	1
ntc	CustBattDiagNtc E5
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap	· -
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
targot_101101 voltago_volt_a 10p0_2_0_4_0	71100



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



		(100
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	1 5	
CustBattDiagNtcConfig Str[4].lowerVoltage volt u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5	_	
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target upperWindowThresh Cnt u16 2 3	4 5 6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5		
CustBattDiagNtcConfig Str[5].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4		
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_0		
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target upperWindowThresh Cnt u16 2 3		
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5		
CustBattDiagNtcConfig_Str[6].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4	_	
	target lowerVoltage volt u10p6 2 3 4 5 0		
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target upperWindowThresh Cnt u16 2 3	-	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16			
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_		
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_		IT:
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim		ime_DtrmnElapsedTime_m5_u16_Elapsed	iime
SystemTime_mS_T_u32	3169103008		
Voltage_Volts_T_u10p6	470		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc	1		
ntc	CustBattDiagNtc_E1		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSu$	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		
	26600		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8			
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	Resu
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	1,000
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	1
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	٠,
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1736390532	1736390532	



Test Step Call Trace				V
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	~

est Step 2.64 (Repeat Count = 1)	
lame	Input Value
sustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
	target_upperVoltage_volt_u10p6
5 5- 17	target_lowerWindowThresh_Cnt_u16
0 0= 17 0 = 1	target_lowerVoltage_volt_u10p6
	target_upperWindowThresh_Cnt_u16_2
	target_upperVoltage_volt_u10p6_2
	target_lowerWindowThresh_Cnt_u16_2
	target_lowerVoltage_volt_u10p6_2
5 52 1711 = -	target_upperWindowThresh_Cnt_u16_2_3
	target_upperVoltage_volt_u10p6_2_3
	target_lowerWindowThresh_Cnt_u16_2_3
0 0= 17 0 = - 1	target_lowerVoltage_volt_u10p6_2_3
	target_upperWindowThresh_Cnt_u16_2_3_4
3	target_upperVoltage_volt_u10p6_2_3_4
	target_lowerWindowThresh_Cnt_u16_2_3_4
	target_lowerVoltage_volt_u10p6_2_3_4
	target_upperWindowThresh_Cnt_u16_2_3_4_5
0 0_ 1111 0 _ 1	target_upperVoltage_volt_u10p6_2_3_4_5
	target_lowerWindowThresh_Cnt_u16_2_3_4_5
	target_lowerVoltage_volt_u10p6_2_3_4_5
	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
3	target_upperVoltage_volt_u10p6_2_3_4_5_6
	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
· · · · · · · · · · · · · · · · · · ·	target_lowerVoltage_volt_u10p6_2_3_4_5_6
	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
, = ==	3998659835
0	847
,	0
	0
1 1 3 1 1 1 1 1 2 2 2 3 1	1
	CustBattDiagNtc_E2
riget Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap	
rget_lowerVoltage_volt_u10p6	33991
rget_lowerVoltage_volt_u10p6_2	18262
rget_lowerVoltage_volt_u10p6_2_3	5496
	11741
0 = 0 = 1 = = = =	43164
0 = 0 = 1 = = = =	27086
0 = 0 = 1 = 1 = 1 = 1	38786
0 = 0 = 1 = 1 = 1 = 1	8232
	57328
	60211
·	30489
	5193
	47148
	29668
	44894
	22434
	33991
rget_upperVoltage_volt_u10p6	
urget_upperVoltage_volt_u10p6 urget_upperVoltage_volt_u10p6_2	18262
arget_upperVoltage_volt_u10p6 arget_upperVoltage_volt_u10p6_2 arget_upperVoltage_volt_u10p6_2_3	5496
arget_upperVoltage_volt_u10p6 arget_upperVoltage_volt_u10p6_2 arget_upperVoltage_volt_u10p6_2_3 arget_upperVoltage_volt_u10p6_2_3_4	5496 11741
arget_upperVoltage_volt_u10p6 arget_upperVoltage_volt_u10p6_2 arget_upperVoltage_volt_u10p6_2_3 arget_upperVoltage_volt_u10p6_2_3_4 arget_upperVoltage_volt_u10p6_2_3_4 arget_upperVoltage_volt_u10p6_2_3_4_5	5496 11741 43164
arget_upperVoltage_volt_u10p6 arget_upperVoltage_volt_u10p6_2 arget_upperVoltage_volt_u10p6_2_3 arget_upperVoltage_volt_u10p6_2_3_4 arget_upperVoltage_volt_u10p6_2_3_4_5 arget_upperVoltage_volt_u10p6_2_3_4_5 arget_upperVoltage_volt_u10p6_2_3_4_5	5496 11741



Name	Input Value		
target_upperWindowThresh_Cnt_u16	45458		
target_upperWindowThresh_Cnt_u16_2	32150		
target_upperWindowThresh_Cnt_u16_2_3	55675		
target_upperWindowThresh_Cnt_u16_2_3_4	18416		
target_upperWindowThresh_Cnt_u16_2_3_4_5	41389		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	57045		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	28955		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	11926		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	~
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✓
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	~
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	3169103008	3169103008	✓
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	~
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3998659835	3998659835	✓
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	✓
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1068296982	1068296982	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3517090381	3517090381	✓
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3517090381	3517090381	✓
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	391129204	391129204	✓
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	391129204	391129204	✓
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	658449114	658449114	✓
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	658449114	658449114	✓
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3517515874	3517515874	✓
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1736390532	1736390532	✓

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

Test Step 2.65 (Repeat Count = 1)	
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	3091893721
Voltage_Volts_T_u10p6	762



Name	Input Value		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc	0		
ntc	CustBattDiagNtc_E9		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E	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	



- GastBattBlag_Reporti daltWith historesis		(0-10
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_		
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_		
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerVoltage_velt_ut0p6_2_3_		
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_		
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperWindowThresh_Cnt_u16_2_3_ target_upperVoltage_volt_u10p6_2_3_4_5_		
CustBattDiagNtcConfig_Str[6].lowerWindowThresh Cnt u16		_	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerWindowThresh_Cnt_u16_2_3_ target_lowerVoltage_volt_u10p6_2_3_4_5_		
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_lowerVoltage_volt_u1opo_2_3_4_3_ target_upperWindowThresh_Cnt_u16_2_3		
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5		
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_		
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime_DtrmnElapsedTime_mS_u16(ElapsedTime_DtrmnElapsedTime_mS_u16(ElapsedTime_DtrmnElapsedTim		Fime DtrmnElapsedTime mS u16 ElapsedT	ime
SystemTime mS T u32	1476367136		
Voltage_Volts_T_u10p6	525		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria Cnt T lgc	1		
ntc	CustBattDiagNtc E6		
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap	46245		
target_lowerVoltage_volt_u10p6	61306		
target_lowerVoltage_volt_u10p6_2	20086		
target_lowerVoltage_volt_u10p6_2_3	2785		
target_lowerVoltage_volt_u10p6_2_3_4	48980		
target_lowerVoltage_volt_u10p6_2_3_4_5	351		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	11190		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	52032		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	25223		
target_lowerWindowThresh_Cnt_u16	15002		
target_lowerWindowThresh_Cnt_u16_2	43978		
target_lowerWindowThresh_Cnt_u16_2_3	22957		
target_lowerWindowThresh_Cnt_u16_2_3_4	58858		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	1184		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	25965		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	64422		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	24948		
target_upperVoltage_volt_u10p6	61306		
target_upperVoltage_volt_u10p6_2	20086		
target_upperVoltage_volt_u10p6_2_3	2785		
target_upperVoltage_volt_u10p6_2_3_4	48980		
target_upperVoltage_volt_u10p6_2_3_4_5	351		
target_upperVoltage_volt_u10p6_2_3_4_5_6	11190		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	52032		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	25223		
target_upperWindowThresh_Cnt_u16	30234		
target_upperWindowThresh_Cnt_u16_2	35688		
target_upperWindowThresh_Cnt_u16_2_3	56177		
target_upperWindowThresh_Cnt_u16_2_3_4	64613		
target_upperWindowThresh_Cnt_u16_2_3_4_5	39545		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	65535		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	25251		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	20537		
Name	Actual Value	Expected Value	Resul
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	•
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	•
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	•
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	3169103008	3169103008	•
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	•
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3998659835	3998659835	•



Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	~
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1068296982	1068296982	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	✓
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3517090381	3517090381	✓
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	391129204	391129204	✓
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	391129204	391129204	✓
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	658449114	658449114	✓
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	658449114	658449114	✓
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	✓
CustBattDiagNtcTimer Str[7].notDetectWindow Cnt M u32	3091893721	3091893721	✓

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

Test Step 2.67 (Repeat Count = 1)	
	le ave
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig Str[6].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_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_u16)	
SystemTime mS T u32	2694265792
Voltage_Volts_T_u10p6	662
k LOIDetect Volts u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E7
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	
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	26092
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	21018
	38387
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	
target_lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16 2	61848 46252
target_lowervviridowTiffeSit_Citt_dTo_2	40232



Name	Input Value		
target_lowerWindowThresh_Cnt_u16_2_3	50267		
target_lowerWindowThresh_Cnt_u16_2_3_4	52091		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	15047		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	49681		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	34490		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	62075		
target_upperVoltage_volt_u10p6	37030		
target_upperVoltage_volt_u10p6_2	47246		
target_upperVoltage_volt_u10p6_2_3	42816		
target_upperVoltage_volt_u10p6_2_3_4	54633		
target_upperVoltage_volt_u10p6_2_3_4_5	50988		
target_upperVoltage_volt_u10p6_2_3_4_5_6	26092		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	21018		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	38387		
target_upperWindowThresh_Cnt_u16	9257		
target_upperWindowThresh_Cnt_u16_2	50993		
target_upperWindowThresh_Cnt_u16_2_3	42289		
target_upperWindowThresh_Cnt_u16_2_3_4	9556		
target_upperWindowThresh_Cnt_u16_2_3_4_5	46974		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	62092		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	24903		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	18131		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	~
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✓
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	•
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	3169103008	3169103008	•
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	✓
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3998659835	3998659835	✓
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	~
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1068296982	1068296982	~
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	~
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3517090381	3517090381	~
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2694265792	2694265792	~
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2694265792	2694265792	~
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	658449114	658449114	~
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	658449114	658449114	✓
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	✓
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3091893721	3091893721	✓

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

Test Step 2.68 (Repeat Count = 1)	
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6



Name	Input Value		
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_	4_5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_	6_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_		
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_	· -	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_		
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_		
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_		
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(Elapsed	· - · · · · · · · · · · · · · ·	Time_DtrmnElapsedTime_mS_u16_Elapse	d I ime
SystemTime_mS_T_u32	2538608509 344		
Voltage_Volts_T_u10p6 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 I	· -		
target lowerVoltage volt u10p6	32689		
target_lowerVoltage_volt_u10p6_2	61217		
target lowerVoltage volt u10p6 2 3	54459		
target_lowerVoltage_volt_u10p6_2_3_4	43595		
target_lowerVoltage_volt_u10p6_2_3_4_5	37686		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	901		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	55325		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	4551		
target_lowerWindowThresh_Cnt_u16	2825		
target_lowerWindowThresh_Cnt_u16_2	23553		
target_lowerWindowThresh_Cnt_u16_2_3	48077		
target_lowerWindowThresh_Cnt_u16_2_3_4	64877		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	30444		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	39073		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	0		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	39170		
target_upperVoltage_volt_u10p6	32689		
target_upperVoltage_volt_u10p6_2	61217		
target_upperVoltage_volt_u10p6_2_3	54459		
target_upperVoltage_volt_u10p6_2_3_4	43595 37686		
target_upperVoltage_volt_u10p6_2_3_4_5 target_upperVoltage_volt_u10p6_2_3_4_5_6	901		
target upperVoltage volt u10p6 2 3 4 5 6 7	55325		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	4551		
target_upperWindowThresh_Cnt_u16	37605		
target upperWindowThresh Cnt u16 2	64728		
target_upperWindowThresh_Cnt_u16_2_3	32468		
target upperWindowThresh Cnt u16 2 3 4	44688		
target_upperWindowThresh_Cnt_u16_2_3_4_5	30202		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	7288		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	25957		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	56545		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	•
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	•
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	•
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	3169103008	3169103008	•
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	•
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3998659835	3998659835	•
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	•
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1068296982	1068296982	•
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	•
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3517090381	3517090381	•
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2538608509	2538608509	•
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2538608509	2538608509	•
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	658449114	658449114	•
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	658449114	658449114	•
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	•
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3091893721	3091893721	•

Test Step Call Trace				V
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	~



est Step 2.69 (Repeat Count = 1)	
ame	Input Value
ustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
ustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
ustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
ustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
ustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
ustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
ustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
ustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
ustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
ustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
ustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
ustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
ustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
ustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
ustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
ustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
ustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
ustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
ustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
ustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
ustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
ustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
ustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
ustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
ustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
ustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
ustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
ustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
ustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
ustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
ustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
ustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
te_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	
ystemTime_mS_T_u32	2043796865
oltage_Volts_T_u10p6	397
_LOIDetect_Volts_u10p6	0
_LOINotDetect_Volts_u10p6	0
wVoltageExtraCryteria_Cnt_T_lgc	0
tc	CustBattDiagNtc_E1
rget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	42391
rget_lowerVoltage_volt_u10p6	9539
rget_lowerVoltage_volt_u10p6_2	11719
rget_lowerVoltage_volt_u10p6_2_3	30437
rget_lowerVoltage_volt_u10p6_2_3_4	55914
rget_lowerVoltage_volt_u10p6_2_3_4_5	14651
rget_lowerVoltage_volt_u10p6_2_3_4_5_6	33831
urget_lowerVoltage_volt_u10p6_2_3_4_5_6_7	43218
rget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	7625
rget_lowerWindowThresh_Cnt_u16	20615
rget_lowerWindowThresh_Cnt_u16_2	14023
rget_lowerWindowThresh_Cnt_u16_2_3	15918
rget_lowerWindowThresh_Cnt_u16_2_3_4	44474
rget_lowerWindowThresh_Cnt_u16_2_3_4_5	37671
rget_lowerWindowThresh_Cnt_u16_2_3_4_5_6	39000
rget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	65535
rget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	65504
rget_upperVoltage_volt_u10p6	9539
rget_upperVoltage_volt_u10p6_2	11719
	30437
rget_uppervoitage_voit_u ropo 2 3	55914
urget_upperVoltage_volt_u10p6_2_3_4	14651
rget_upperVoltage_volt_u10p6_2_3_4 rrget_upperVoltage_volt_u10p6_2_3_4_5	14651 33831
rrget_upperVoltage_volt_u10p6_2_3_4 rrget_upperVoltage_volt_u10p6_2_3_4_5 rrget_upperVoltage_volt_u10p6_2_3_4_5_6	33831
rget_upperVoltage_volt_u10p6_2_3 rget_upperVoltage_volt_u10p6_2_3_4 rget_upperVoltage_volt_u10p6_2_3_4_5 rget_upperVoltage_volt_u10p6_2_3_4_5_6 rrget_upperVoltage_volt_u10p6_2_3_4_5_6_7	33831 43218
rrget_upperVoltage_volt_u10p6_2_3_4 rrget_upperVoltage_volt_u10p6_2_3_4_5 rrget_upperVoltage_volt_u10p6_2_3_4_5_6 rrget_upperVoltage_volt_u10p6_2_3_4_5_6_7 rrget_upperVoltage_volt_u10p6_2_3_4_5_6_7 rrget_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	33831 43218 7625
rrget_upperVoltage_volt_u10p6_2_3_4 irget_upperVoltage_volt_u10p6_2_3_4_5 irget_upperVoltage_volt_u10p6_2_3_4_5_6 irget_upperVoltage_volt_u10p6_2_3_4_5_6_7 irget_upperVoltage_volt_u10p6_2_3_4_5_6_7 irget_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 irget_upperWindowThresh_Cnt_u16	33831 43218 7625 62266
rget_upperVoltage_volt_u10p6_2_3_4 irget_upperVoltage_volt_u10p6_2_3_4_5 irget_upperVoltage_volt_u10p6_2_3_4_5_6 irget_upperVoltage_volt_u10p6_2_3_4_5_6_7 irget_upperVoltage_volt_u10p6_2_3_4_5_6_7 irget_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 irget_upperWindowThresh_Cnt_u16 irget_upperWindowThresh_Cnt_u16_2	33831 43218 7625 62266 6768
rrget_upperVoltage_volt_u10p6_2_3_4 irget_upperVoltage_volt_u10p6_2_3_4_5 irget_upperVoltage_volt_u10p6_2_3_4_5_6 irget_upperVoltage_volt_u10p6_2_3_4_5_6_7 irget_upperVoltage_volt_u10p6_2_3_4_5_6_7 irget_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 irget_upperWindowThresh_Cnt_u16	33831 43218 7625 62266



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)	
lame	Input Value
custBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
custBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
sustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
:ustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
custBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
custBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
sustBattDiagNtcConfig Str[4].lowerVoltage volt u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
ustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
ustBattDiagNtcConfig Str[5].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6
ustBattDiagNtcConfig Str[5].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6
ustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4 5 6
ustBattDiagNtcConfig Str[6].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6 7
sustBattDiagNtcConfig Str[6].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7
CustBattDiagNtcConfig Str[6].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6 7
CustBattDiagNtcConfig Str[6].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5 6 7
CustBattDiagNtcConfig Str[7].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6 7 8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig Str[7].lowerWindowThresh Cnt u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_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(Elap	
ystemTime mS T u32	2601371668
oltage Volts T u10p6	949
LOIDetect Volts u10p6	0
_LOINotDetect_volts_u10p6	0
pwVoltageExtraCryteria Cnt T Igc	1
ttc	CustBattDiagNtc E1
arget Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u	



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



N	Invest Value		
Name CoalPattDiapNtaCoaffa Ctd(2) lawartNindowThrook Cat. v46	Input Value		
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerVoltage_volt_u10p6_2_3_4	•	
CustBattDiagNtcConfig_Str[4].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3	4 5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5	- _0	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target lowerWindowThresh Cnt u16 2 3 4	ł 5	
CustBattDiagNtcConfig Str[4].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5		
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	4_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_	6	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	1_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_0	3	
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_	4_5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_	_	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_	_	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_		
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_		
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerVoltage_volt_u10p6_2_3_4_5_0		
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTim			16 FlansedTime
SystemTime_mS_T_u32	237540168	о_ваттыаросаттые_то_а	.o_Liupocu riiile
Voltage_Volts_T_u10p6	820		
k LOIDetect Volts u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc	0		
ntc	CustBattDiagNtc_E1		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSu$	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 target_lowerWindowThresh_Cnt_u16_2	55365 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 target_upperWindowThresh_Cnt_u16_2_3_4	2465 3249		
target_upperWindowTriesh_Cnt_u16_2_3_4 target_upperWindowTriesh_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	Result
CustBattDiagNtcTimer_Str[0].netDetectWindow_Cnt_M_u32	1820141330	1820141330	
CustBattDiagNtcTimer_Str[0].notbetectWindow_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	✓
<u> </u>			



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				V
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	~

est Step 2.72 (Repeat Count = 1)	L. CV.
ame	Input Value
ustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
ustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
ustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
ustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
ustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
ustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
ustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
ustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
ustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
ustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
ustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
ustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
ustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
ustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
ustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
ustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
ustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
ustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
ustBattDiagNtcConfig Str[4].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5
ustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
ustBattDiagNtcConfig Str[5].upperWindowThresh Cnt u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
ustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
ustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target lowerWindowThresh Cnt u16 2 3 4 5 6
ustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
ustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
ustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
ustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target lowerWindowThresh Cnt u16 2 3 4 5 6 7
ustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4 5 6 7
ustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
ustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
ustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	
ustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
te_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	
ystemTime_mS_T_u32	2751979985
oltage_Volts_T_u10p6	0
_LOIDetect_Volts_u10p6	0
_LOINotDetect_Volts_u10p6	0
wVoltageExtraCryteria_Cnt_T_lgc	1
C	CustBattDiagNtc_E1
rget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	52501
rget_lowerVoltage_volt_u10p6	24855
rget_lowerVoltage_volt_u10p6_2	9103
rget_lowerVoltage_volt_u10p6_2_3	32456
rget_lowerVoltage_volt_u10p6_2_3_4	41290
rget_lowerVoltage_volt_u10p6_2_3_4_5	60540
rget_lowerVoltage_volt_u10p6_2_3_4_5_6	56595
rget_lowerVoltage_volt_u10p6_2_3_4_5_6_7	65535
rget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	54254
rget_lowerWindowThresh_Cnt_u16	53312
rget_lowerWindowThresh_Cnt_u16_2	23995
rget_lowerWindowThresh_Cnt_u16_2_3	65448
rget lowerWindowThresh Cnt u16 2 3 4	19793
rget_lowerWindowThresh_Cnt_u16_2_3_4_5	23515
rget lowerWindowThresh Cnt u16 2 3 4 5 6	56696
rget lowerWindowThresh Cnt u16 2 3 4 5 6 7	38094
rget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 rget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	16006
	24855
rget_upperVoltage_volt_u10p6	24000



CustBattDiag_ReportFaultWithHisteresis	2010-03-17, 14.29.19+0030	7	*azorcat
Name	Input Value		
target_upperVoltage_volt_u10p6_2_3	32456		
target_upperVoltage_volt_u10p6_2_3_4	41290		
target_upperVoltage_volt_u10p6_2_3_4_5	60540		
target_upperVoltage_volt_u10p6_2_3_4_5_6	56595		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	65535		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	54254		
target_upperWindowThresh_Cnt_u16	19410		
target_upperWindowThresh_Cnt_u16_2	64284		
target_upperWindowThresh_Cnt_u16_2_3	62911		
target_upperWindowThresh_Cnt_u16_2_3_4	23082		
target_upperWindowThresh_Cnt_u16_2_3_4_5	19094		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	18732		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	9948		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	30019		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✓
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✓
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✓
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2751979985	2751979985	✓
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	✓
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3998659835	3998659835	✓
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	✓
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1068296982	1068296982	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	✓
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3517090381	3517090381	✓
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2538608509	2538608509	✓
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2538608509	2538608509	✓
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	658449114	658449114	✓
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	658449114	658449114	•
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	✓
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3091893721	3091893721	✓

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

Test Step 2.73 (Repeat Count = 1)	
Name	Input Value
CustBattDiagNtcConfig Str[0].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16
CustBattDiagNtcConfig Str[0].upperVoltage volt u10p6	target upperVoltage volt u10p6
CustBattDiagNtcConfig Str[0].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16
CustBattDiagNtcConfig Str[0].lowerVoltage volt u10p6	target lowerVoltage volt u10p6
CustBattDiagNtcConfig Str[1].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8



Name	Input Value		
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	15678	
CustBattDiagNtcConfig Str[7].lowerVoltage volt u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime_mS_u16)		 ime_DtrmnElapsedTime_mS_u16_ElapsedTi	me
SystemTime_mS_T_u32	3686189422	inio_buninelapsed rinio_mo_d ro_elapsed ri	
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			
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 43330		
target_upperWindowThresh_Cnt_u16_2_3_4_5	61132		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	705		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7 target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	15661		
Name	Actual Value	Expected Value	Popult
	1820141330	1820141330	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32			-
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330 237540168	1820141330 237540168	
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2751979985	2751979985	-
CustBattDiagNtcTimer Str[2].detectWindow Cnt M u32	2835788790	2835788790	
CustBattDiagNtcTimer_Str[2].uetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3998659835	3998659835	-
CustBattDiagNtcTimer Str[3].detectWindow Cnt M u32	255461674	255461674	
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_w_u32	1068296982	1068296982	-
CustBattDiagNtcTimer Str[4].detectWindow Cnt M u32	1476367136	1476367136	
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3517090381	3517090381	~
CustBattDiagNtcTimer_Str[4].notDetectWindow_Crit_W_u32 CustBattDiagNtcTimer Str[5].detectWindow Cnt M u32	2538608509	2538608509	
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2538608509	2538608509	V
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	V
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	~

Fest 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	<u>,</u> 5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	5	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerWindowThresh_Cnt_u16_2_3_4	_5	
CustBattDiagNtcConfig_Str[5].upperWindowThresh Cnt u16	target_lowerVoltage_volt_u10p6_2_3_4_5 target_upperWindowThresh_Cnt_u16_2_3_4	1.5.6	
	target upperVoltage volt u10p6 2 3 4 5 6		
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target lowerWindowThresh Cnt u16 2 3 4		
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4 5 6		
CustBattDiagNtcConfig_Str[6].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4		
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5 6		
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	_	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6		
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	_	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6		
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	5_7_8	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_DtrmnElapsedTime_mS_u16_ElapsedTim	ne
SystemTime_mS_T_u32	1468511910		
Voltage_Volts_T_u10p6	583		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc	1		
ntc	CustBattDiagNtc_E2		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$			
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 35603		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	33608		
target lowerWindowThresh Cnt u16	10857		
target lowerWindowThresh Cnt u16 2	59412		
target lowerWindowThresh Cnt u16 2 3	44483		
target lowerWindowThresh Cnt u16 2 3 4	11015		
target lowerWindowThresh Cnt u16 2 3 4 5	17763		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	51532		
target lowerWindowThresh Cnt u16 2 3 4 5 6 7	58379		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	63936		
target upperVoltage volt u10p6	45792		
target upperVoltage volt u10p6 2	22191		
target_upperVoltage_volt_u10p6_2_3	798		
target_upperVoltage_volt_u10p6_2_3_4	61418		
target_upperVoltage_volt_u10p6_2_3_4_5	62758		
target_upperVoltage_volt_u10p6_2_3_4_5_6	2179		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	35603		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	33608		
target_upperWindowThresh_Cnt_u16	2799		
target_upperWindowThresh_Cnt_u16_2	32970		
target_upperWindowThresh_Cnt_u16_2_3	48375		
target_upperWindowThresh_Cnt_u16_2_3_4	27057		
target_upperWindowThresh_Cnt_u16_2_3_4_5	44527		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	60135		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	0		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	19233		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	~



Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer Str[0].notDetectWindow Cnt M u32	1820141330	1820141330	✓ ×
CustBattDiagNtcTimer Str[1].detectWindow Cnt M u32	237540168	237540168	~
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2751979985	2751979985	✓
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	~
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	1468511910	1468511910	✓
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	✓
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1068296982	1068296982	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	✓
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3517090381	3517090381	✓
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2538608509	2538608509	✓
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2538608509	2538608509	✓
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3686189422	3686189422	✓
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3686189422	3686189422	✓
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	✓
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3091893721	3091893721	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~

est Step 2.75 (Repeat Count = 1)	
lame	Input Value
sustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
sustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
ustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
ustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
ustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
ustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
ustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
ustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
ustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
ustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
ustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
ustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
ustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
ustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
ustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
ustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
ustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
rustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
ustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
ustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
ustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
ustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
ustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
sustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
ustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
ustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
ustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
ustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
ustBattDiagNtcConfig Str[7].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6 7 8
ustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
ustBattDiagNtcConfig Str[7].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6 7 8
ustBattDiagNtcConfig Str[7].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5 6 7 8
te Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedT	, · · · · · · · · · · · · · · · · · · ·
ystemTime mS T u32	2863361536
oltage Volts T u10p6	996
LOIDetect Volts u10p6	0
LOINotDetect Volts u10p6	0
wVoltageExtraCryteria Cnt T Igc	1
to the state of th	CustBattDiagNtc E0
rget Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 El	· -
rget_lowerVoltage_volt_u10p6	42234
rget lowerVoltage volt_u10p6 2	19696
rget_lowerVoltage_volt_u10p6_2 rget_lowerVoltage_volt_u10p6_2_3	51612
rget_lowerVoltage_volt_u10p6_2_3 rget_lowerVoltage_volt_u10p6_2_3_4	27239
riget_lowerVoltage_volt_u10p6_2_3_4	63518
	2521
arget_lowerVoltage_volt_u10p6_2_3_4_5_6	10694
arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7 arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	10694 42386



Name	Input Value		
target_lowerWindowThresh_Cnt_u16	17613		
target_lowerWindowThresh_Cnt_u16_2	16106		
target_lowerWindowThresh_Cnt_u16_2_3	52312		
target_lowerWindowThresh_Cnt_u16_2_3_4	43045		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	20366		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	58003		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	54590		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	61010		
target_upperVoltage_volt_u10p6	42234		
target_upperVoltage_volt_u10p6_2	19696		
target_upperVoltage_volt_u10p6_2_3	51612		
target_upperVoltage_volt_u10p6_2_3_4	27239		
target_upperVoltage_volt_u10p6_2_3_4_5	63518		
target_upperVoltage_volt_u10p6_2_3_4_5_6	2521		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	10694		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	42386		
target_upperWindowThresh_Cnt_u16	61630		
target_upperWindowThresh_Cnt_u16_2	19014		
target_upperWindowThresh_Cnt_u16_2_3	47107		
target_upperWindowThresh_Cnt_u16_2_3_4	4531		
target_upperWindowThresh_Cnt_u16_2_3_4_5	3822		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	25975		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	65535		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	51492		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✓
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✓
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	•
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2751979985	2751979985	~
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	~
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	1468511910	1468511910	~
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	~
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1068296982	1068296982	~
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	~
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3517090381	3517090381	~
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2538608509	2538608509	~
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2538608509	2538608509	•
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3686189422	3686189422	~
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3686189422	3686189422	✓
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	~
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3091893721	3091893721	✓

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

Test Step 2.76 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5



Name	Input Value		
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6		
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerVoltage_volt_u10p6_2_3_4_5_6		
CustBattDiagNtcConfig_Str[6].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4		
CustBattDiagNtcConfig Str[6].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6		
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	_	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6		
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	1_5_6_7_8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6		
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime_DtrmnElapsedTime_mS_u16(ElapsedTime_DtrmnElapsedTime_mS_u16(ElapsedTime_DtrmnElapsedTime_mS_u16(ElapsedTime_DtrmnElapsedTime_mS_u16(ElapsedTime_DtrmnElapsedTime_mS_u16(ElapsedTime_DtrmnElapsedTime_mS_u16(ElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_mS_u16(ElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_mS_u16(ElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_MS_u16(ElapsedTime_DtrmnElapsedTime_D	0 = = = 1 = 0= 7	ime_DtrmnElapsedTime_mS_u16_ElapsedTir	me
SystemTime_mS_T_u32 Voltage_Volts_T_u10p6	4046255567 6		
Voltage_Volts_T_u10p6 k LOIDetect Volts u10p6	0		
k LOINotDetect Volts u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc	1		
ntc	CustBattDiagNtc_E8		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	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 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	56150 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 45127		
target_upperVoltage_volt_u10p6_2_3_4 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 44255		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8		Funcated Value	Danulé
Name CustPottDispNtsTimer_Str(0) detectWindow_Cnt_M_u22	Actual Value 1820141330	Expected Value 1820141330	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32 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	V
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3091893721	3091893721	V



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	~		

Input Value
target_upperWindowThresh_Cnt_u16
target_upperVoltage_volt_u10p6
target_lowerWindowThresh_Cnt_u16
target_lowerVoltage_volt_u10p6
target_upperWindowThresh_Cnt_u16_2
target_upperVoltage_volt_u10p6_2
target_lowerWindowThresh_Cnt_u16_2
target_lowerVoltage_volt_u10p6_2
target_upperWindowThresh_Cnt_u16_2_3
target_upperVoltage_volt_u10p6_2_3
target_lowerWindowThresh_Cnt_u16_2_3
target_lowerVoltage_volt_u10p6_2_3
target_upperWindowThresh_Cnt_u16_2_3_4
target_upperVoltage_volt_u10p6_2_3_4
target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerVoltage_volt_u10p6_2_3_4
target upperWindowThresh Cnt u16 2 3 4 5
target upperVoltage volt u10p6 2 3 4 5
target_lowerWindowThresh_Cnt_u16_2_3_4_5
target lowerVoltage volt u10p6 2 3 4 5
target upperWindowThresh Cnt u16 2 3 4 5 6
target upperVoltage volt u10p6 2 3 4 5 6
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
target_lowerVoltage_volt_u10p6_2_3_4_5_6
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
target_upperVoltage_volt_u10p6_2_3_4_5_6_7
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
n target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
1455583955
190
0
0
1 Courte-Militarius 57
CustBattDiagNtc_E7
p 38501
7070 18550
55443
36036
34827
49558
42782
25433
23759
17360
37029
16767
46479
927
61408
0
7070
18550
55443
36036
00000



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 2.70 (Depost Count = 4)	.a
Test Step 2.78 (Repeat Count = 1) Name	Invest Malice
	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime



Name	Input Value		
SystemTime_mS_T_u32	3686189422		
Voltage_Volts_T_u10p6	78		
k LOIDetect Volts u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc	1		
ntc	CustBattDiagNtc_E5		
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Ela			
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		
	6962		
target_upperVoltage_volt_u10p6_2_3_4 target_upperVoltage_volt_u10p6_2_3_4_5	2309		
target upperVoltage volt u10p6 2 3 4 5 6	60788		
	5006		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	60774		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	52117		
target_upperWindowThresh_Cnt_u16	38419		
target_upperWindowThresh_Cnt_u16_2			
target_upperWindowThresh_Cnt_u16_2_3	35358 43092		
target_upperWindowThresh_Cnt_u16_2_3_4	25946		
target_upperWindowThresh_Cnt_u16_2_3_4_5			
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				V
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	



CustbattDiag_ReportFaultvittinisteresis			CILCIU		
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 CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_upperVoltage_volt_u10p6_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3	4			
CustBattDiagNtcConfig_Str[3].lowerVvillacwTriesin_Cit_u10 CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4	_7			
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	4 5			
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5				
CustBattDiagNtcConfig Str[4].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3				
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5				
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	_4_5_6			
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	5_6			
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	_4_5_6			
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5	_6			
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	5_4_5_6_7			
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5				
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3				
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5				
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3				
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_upperVoltage_volt_u10p6_2_3_4_5 target_lowerWindowThresh_Cnt_u16_2_3				
CustBattDiagNtcConfig_Str[7].lowervvindow+nresn_Cnt_u+6 CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u+0p6	target lowerVoltage volt u10p6 2 3 4 5				
CustBattDiagNtcComig_Str[7].lowervoltage_volt_u10p6 Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(Elapsec			nsadTima		
SystemTime mS T u32	1468511910	Trime_buminLiapsed rime_m3_d to_Lia	pseurine		
Voltage Volts T u10p6	325				
<_LOIDetect_Volts_u10p6	0				
C LOINotDetect Volts u10p6	0				
owVoltageExtraCryteria_Cnt_T_lgc	0				
ntc	CustBattDiagNtc_E7				
arget_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 target_lowerWindowThresh_Cnt_u16_2_3	33057 42836				
target_lowerWindowTriesh_Cnt_u16_2_3 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				
arget_upperVoltage_volt_u10p6_2_3_4_5	45789				
target_upperVoltage_volt_u10p6_2_3_4_5_6	20601				
arget_upperVoltage_volt_u10p6_2_3_4_5_6_7	37984				
arget_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	52486				
arget_upperWindowThresh_Cnt_u16	32990				
arget_upperWindowThresh_Cnt_u16_2	10033				
arget_upperWindowThresh_Cnt_u16_2_3	18459				
arget_upperWindowThresh_Cnt_u16_2_3_4	41382				
target_upperWindowThresh_Cnt_u16_2_3_4_5	19945				
rarget_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	I=			
Name	Actual Value	Expected Value	Resi		
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			
20-4D-4DiNA-Ti 04-141- 12 1 141- 1 2 1 141- 1	2751979985	2751979985			
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32		2025700702			
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2835788790 1468511910	2835788790 1468511910			



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				V
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(ElapsedTime_	
SystemTime_mS_T_u32	2863361536
Voltage_Volts_T_u10p6	488
k_LOIDetect_Volts_u10p6	0
k LOINotDetect Volts u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc E6
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	<u> </u>
target lowerVoltage volt u10p6	58855
target lowerVoltage volt u10p6 2	34513
target_lowerVoltage_volt_u10p6_2_3	42179
target lowerVoltage volt u10p6 2 3 4	8139
target_lowerVoltage_volt_u10p6_2_3_4_5	63519
target_lowerVoltage_volt_u10p6_2_3_4_5_6	52120
target lowerVoltage volt u10p6 2 3 4 5 6 7	63243
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	0
target_lowerWindowThresh_Cnt_u16	60727
target_lowerWindowThresh_Cnt_u16_2	61593
target lowerWindowThresh Cnt u16 2 3	46975



Name	Input Value		
target_lowerWindowThresh_Cnt_u16_2_3_4	5934		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	38388		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	43268		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	37421		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	5872		
target_upperVoltage_volt_u10p6	58855		
target_upperVoltage_volt_u10p6_2	34513		
target_upperVoltage_volt_u10p6_2_3	42179		
target_upperVoltage_volt_u10p6_2_3_4	8139		
target_upperVoltage_volt_u10p6_2_3_4_5	63519		
target_upperVoltage_volt_u10p6_2_3_4_5_6	52120		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	63243		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	0		
target_upperWindowThresh_Cnt_u16	7568		
target_upperWindowThresh_Cnt_u16_2	56657		
target_upperWindowThresh_Cnt_u16_2_3	26105		
target_upperWindowThresh_Cnt_u16_2_3_4	4287		
target_upperWindowThresh_Cnt_u16_2_3_4_5	50931		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	60349		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	23068		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	62619		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✓
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✓
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✓
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2751979985	2751979985	✓
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	✓
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	1468511910	1468511910	✓
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	✓
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	3686189422	3686189422	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	✓
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✓
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	1468511910	1468511910	✓
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	1468511910	1468511910	✓
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3686189422	3686189422	✓
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	4046255567	4046255567	✓
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	✓
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3091893721	3091893721	✓

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

Test Step 2.81 (Repeat Count = 1)	<u> </u>
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7



Name	Input Value		
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	<u>-6_</u> 7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5	_6_7	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim		nTime_DtrmnElapsedTime_mS_u16_Elaps	edTime
SystemTime_mS_T_u32	3386859209		
Voltage_Volts_T_u10p6	714		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc	1		
ntc	CustBattDiagNtc_E8		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E	·		
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 5023		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7			
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	65535		
target_lowerWindowThresh_Cnt_u16	227		
target_lowerWindowThresh_Cnt_u16_2 target_lowerWindowThresh_Cnt_u16_2_3	36287 9956		
	48306		
target_lowerWindowThresh_Cnt_u16_2_3_4 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	•
	3091893721	3091893721	•

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



Test Step 2.82 (Repeat Count = 1) Input Value $CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16$ target_upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6 target_upperVoltage_volt_u10p6 $CustBattDiagNtcConfig_Str[0]. IowerWindowThresh_Cnt_u16$ target lowerWindowThresh Cnt u16 CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6 $CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16$ target upperWindowThresh Cnt u16 2 CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6 target_upperVoltage_volt_u10p6_2 CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2 $CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6$ target_lowerVoltage_volt_u10p6_2 CustBattDiagNtcConfig Str[2].upperWindowThresh Cnt u16 target upperWindowThresh Cnt u16 2 3 $CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6$ target_upperVoltage_volt_u10p6_2_3 CustBattDiagNtcConfig Str[2].lowerWindowThresh Cnt u16 target lowerWindowThresh Cnt u16 2 3 CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3 CustBattDiagNtcConfig Str[3].upperWindowThresh Cnt u16 target upperWindowThresh Cnt u16 2 3 4 CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6 target_upperVoltage_volt_u10p6_2_3_4 CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2_3_4 $CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6$ target_lowerVoltage_volt_u10p6_2_3_4 $CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16$ target_upperWindowThresh_Cnt_u16_2_3_4_5 $CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6$ target_upperVoltage_volt_u10p6_2_3_4_5 CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2_3_4_5 $CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6$ target lowerVoltage volt u10p6 2 3 4 5 CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16 target_upperWindowThresh_Cnt_u16_2_3_4_5_6 target_upperVoltage_volt_u10p6_2_3_4_5_6 CustBattDiagNtcConfig Str[5].upperVoltage volt u10p6 CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3_4_5_6 $CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16$ target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6 target_upperVoltage_volt_u10p6_2_3_4_5_6_7 $CustBattDiagNtcConfig_Str[6]. IowerWindowThresh_Cnt_u16$ target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 $CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16$ target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8 CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6 target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 $CustBattDiagNtcConfig_Str[7]. IowerWindowThresh_Cnt_u16$ target lowerWindowThresh Cnt u16 2 3 4 5 6 7 8 CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTim target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime SystemTime_mS_T_u32 1468581337 Voltage_Volts_T_u10p6 623 k_LOIDetect_Volts_u10p6 0 k_LOINotDetect_Volts_u10p6 0 lowVoltageExtraCryteria_Cnt_T_lgc 0 CustBattDiagNtc_E5 $target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap \\ \ \ 21775$ target_lowerVoltage_volt_u10p6 17770 target_lowerVoltage_volt_u10p6_2 15844 target_lowerVoltage_volt_u10p6_2_3 37498 target_lowerVoltage_volt_u10p6_2_3_4 target_lowerVoltage_volt_u10p6_2_3_4_5 11602 29654 target_lowerVoltage_volt_u10p6_2_3_4_5_6 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 46385 $target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8$ target_upperVoltage_volt u10p6 27577 target_upperVoltage_volt_u10p6_2 17770 15844 target_upperVoltage_volt_u10p6_2_3 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 37334 $target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8$ target_upperWindowThresh_Cnt_u16 52753 12034 target upperWindowThresh Cnt u16 2 30082 target_upperWindowThresh_Cnt_u16_2_3 13159 target upperWindowThresh Cnt u16 2 3 4 target_upperWindowThresh_Cnt_u16_2_3_4_5 11573 target_upperWindowThresh_Cnt_u16_2_3_4_5_6 9154 $target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7$ 12866



Name	Input Value		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	48080		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	~
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	~
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	~
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2751979985	2751979985	✓
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	~
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	1468511910	1468511910	✓
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	1468581337	1468581337	✓
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1468581337	1468581337	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	✓
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✓
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	1468511910	1468511910	~
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	1468511910	1468511910	✓
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3686189422	3686189422	✓
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3386859209	3386859209	~
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	~
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3091893721	3091893721	~

Test Step Call Trace				V
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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Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_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(ElapsedTi	m target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	1218049674
/oltage_Volts_T_u10p6	625
_LOIDetect_Volts_u10p6	0
z_LOINotDetect_Volts_u10p6	0
pwVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E7
arget Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Ela	59164
arget_lowerVoltage_volt_u10p6	65182
arget_lowerVoltage_volt_u10p6_2	50638



Name	Input Value		
target_lowerVoltage_volt_u10p6_2_3	7526		
target_lowerVoltage_volt_u10p6_2_3_4	64926		
target_lowerVoltage_volt_u10p6_2_3_4_5	47592		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	14434		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	37070		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	63791		
target_lowerWindowThresh_Cnt_u16	17915		
target_lowerWindowThresh_Cnt_u16_2	22774		
target_lowerWindowThresh_Cnt_u16_2_3	62187		
target_lowerWindowThresh_Cnt_u16_2_3_4	31927		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	65295		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	17100		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	14830		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	27241		
target_upperVoltage_volt_u10p6	65182		
target_upperVoltage_volt_u10p6_2	50638		
target_upperVoltage_volt_u10p6_2_3	7526		
target_upperVoltage_volt_u10p6_2_3_4	64926		
target_upperVoltage_volt_u10p6_2_3_4_5	47592		
target_upperVoltage_volt_u10p6_2_3_4_5_6	14434		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	37070		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	63791		
target_upperWindowThresh_Cnt_u16	61392		
target_upperWindowThresh_Cnt_u16_2	5689		
target_upperWindowThresh_Cnt_u16_2_3	53439		
target_upperWindowThresh_Cnt_u16_2_3_4	32511		
target_upperWindowThresh_Cnt_u16_2_3_4_5	17628		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	7054		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	20773		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	0		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✓
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✓
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✓
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2751979985	2751979985	✓
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	~
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	1468511910	1468511910	~
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	1468581337	1468581337	~
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1468581337	1468581337	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	~
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2863361536	2863361536	~
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	1468511910	1468511910	~
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	1218049674	1218049674	✓
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3686189422	3686189422	~
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3386859209	3386859209	✓
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	~
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3091893721	3091893721	✓

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

Test Step 2.84 (Repeat Count = 1)		V
Name	Input Value	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	



CustbattDiag_ReportFaultWithHisteresis		MACILIA
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 CustBattDiagNtcConfig_Str[6].upperWindowThresh Cnt u16	target_lowerVoltage_volt_u10p6_2_3_4_5_6 target_upperWindowThresh Cnt u16 2 3 4 5 6 7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4 5 6 7	
CustBattDiagNtcConfig Str[7].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6 7 8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	
CustBattDiagNtcConfig Str[7].lowerWindowThresh Cnt u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_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		_u16_ElapsedTime
SystemTime_mS_T_u32	709252971	
Voltage_Volts_T_u10p6	71	
k_LOIDetect_Volts_u10p6	0	
k_LOINotDetect_Volts_u10p6	0	
lowVoltageExtraCryteria_Cnt_T_lgc	1	
ntc	CustBattDiagNtc_E6	
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 \\$	6_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 target_lowerWindowThresh_Cnt_u16_2	48517 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 1318040674	
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	1218049674 1218049674	
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3686189422 3686189422	<u> </u>



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	3001803721	3001803721	

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	~

est Step 2.85 (Repeat Count = 1)	
ame	Input Value
ustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
ustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
ustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
ustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
ustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
ustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
ustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
ustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
ustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
ustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3 target_lowerWindowThresh_Cnt_u16_2_3
ustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	
ustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
ustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upper\/oltage_volt_u10e6_2_3_4
ustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4
ustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	
ustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
ustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16 ustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperWindowThresh_Cnt_u16_2_3_4_5 target_upperVoltage_volt_u10p6_2_3_4_5
ustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target lowerWindowThresh Cnt u16 2 3 4 5
ustBattDiagNtcConfig_Str[4].lowervvindow1nresn_Cnt_u16 ustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5 target_lowerVoltage_volt_u10p6_2_3_4_5
	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
ustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16 ustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
ustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
ustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4 5 6
ustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
ustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
ustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
ustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
ustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
ustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
ustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
ustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
te_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(Elap	
vstemTime_mS_T_u32	2360498250
oltage_Volts_T_u10p6	172
_LOIDetect_Volts_u10p6	0
_LOINotDetect_Volts_u10p6	0
wVoltageExtraCryteria_Cnt_T_lgc	1
W Voltage Extractly terra_Crit_1_igc	CustBattDiagNtc_E6
.rget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u1	
rget lowerVoltage volt u10p6	29286
irget_lowerVoltage_volt_u10p6_2	14552
irget_lowerVoltage_volt_u10p6_2_3	2965
rget_lowerVoltage_volt_u10p6_2_3_4	42281
rget lowerVoltage_volt_u10p6_2_3_4	12868
rget lowerVoltage volt u10p6 2 3 4 5 6	55056
rget_lowerVoltage_volt_u10p6_2_3_4_5_6_7	15966
rget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	12207
rget_lowerWindowThresh_Cnt_u16	43415
rget lowerWindowThresh Cnt u16 2	57242
rget_lowerWindowThresh_Cnt_u16_2_3	29137
rget lowerWindowThresh_Cnt_u16_2_3 4	38856
rget_lowerWindowThresh_Cnt_u16_2_3_4_5	9557
rget lowerWindowThresh Cnt u16 2 3 4 5 6	21243
rget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	36083
riget lowerWindowThresh Cnt u16 2 3 4 5 6 7 8	43825
liget_lowerWilldowTiflesti_Cht_u10_2_3_4_3_0_7_8 liget_upperVoltage_volt_u10p6	29286
irget_upperVoltage_volt_u10p6_2	14552
liget_upperVoltage_volt_u10p6_2_3	2965
riget_upperVoltage_volt_u10p6_2_3	42281



·—————————————————————————————————————			
Name	Input Value		
target_upperVoltage_volt_u10p6_2_3_4_5	12868		
target_upperVoltage_volt_u10p6_2_3_4_5_6	55056		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	15966		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	12207		
target_upperWindowThresh_Cnt_u16	2163		
target_upperWindowThresh_Cnt_u16_2	35890		
target_upperWindowThresh_Cnt_u16_2_3	36031		
target_upperWindowThresh_Cnt_u16_2_3_4	4213		
target_upperWindowThresh_Cnt_u16_2_3_4_5	30746		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	1437		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	9602		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	36864		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✓
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✓
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✓
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2751979985	2751979985	✓
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	✓
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	1468511910	1468511910	✓
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	1468581337	1468581337	✓
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1468581337	1468581337	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	✓
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2360498250	2360498250	✓
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	1468511910	1468511910	✓
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	1218049674	1218049674	✓
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3686189422	3686189422	✓
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3386859209	3386859209	~
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	✓
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3091893721	3091893721	✓

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

T4-040-00 (D4-04-)	.a
Test Step 2.86 (Repeat Count = 1)	<u> </u>
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8



Name	Input Value		
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	7.8	
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTim			ne
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			
target lowerVoltage volt u10p6	51590		
target lowerVoltage volt u10p6 2	51412		
target_lowerVoltage_volt_u10p6_2_3	15665		
target_lowerVoltage_volt_u10p6_2_3_4	41507		
target_lowerVoltage_volt_u10p6_2_3_4_5	44977		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	61333		
target lowerVoltage volt u10p6 2 3 4 5 6 7	58191		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	5031		
target_lowerWindowThresh_Cnt_u16	21611		
target_lowerWindowThresh_Cnt_u16_2	37720		
target_lowerWindowThresh_Cnt_u16_2_3	44599		
target lowerWindowThresh Cnt u16 2 3 4	39178		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	2133		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	18040		
target lowerWindowThresh Cnt u16 2 3 4 5 6 7	3839		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	59650		
target_upperVoltage_volt_u10p6	51590		
target_upperVoltage_volt_u10p6_2	51412		
target_upperVoltage_volt_u10p6_2_3	15665		
target_upperVoltage_volt_u10p6_2_3_4	41507		
target_upperVoltage_volt_u10p6_2_3_4_5	44977		
target_upperVoltage_volt_u10p6_2_3_4_5_6	61333		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	58191		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	5031		
target_upperWindowThresh_Cnt_u16	8811		
target_upperWindowThresh_Cnt_u16_2	21591		
target_upperWindowThresh_Cnt_u16_2_3	65509		
target_upperWindowThresh_Cnt_u16_2_3_4	46619		
target_upperWindowThresh_Cnt_u16_2_3_4_5	51504		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	59328		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	2281		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	17713		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer Str[0].detectWindow Cnt M u32	1820141330	1820141330	~
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	•
CustBattDiagNtcTimer Str[1].detectWindow Cnt M u32	237540168	237540168	~
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2751979985	2751979985	✓
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	~
CustBattDiagNtcTimer Str[2].notDetectWindow Cnt M u32	1468511910	1468511910	✓
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	1468581337	1468581337	~
CustBattDiagNtcTimer Str[3].notDetectWindow Cnt M u32	1468581337	1468581337	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	~
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2360498250	2360498250	~
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	1468511910	1468511910	~
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	1218049674	1218049674	~
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	~
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	215674156	215674156	~
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	~
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3091893721	3091893721	•

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

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



			(== = = = = = = = = = = = = = = = = =
Name	Input Value		
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16		
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6		
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2		
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2		
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2		
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2		
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	_3	
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3		
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_	.3	
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3		
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	3_4	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4	2.4	
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_	.3_4	
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_lowerVoltage_volt_u10p6_2_3_4 target_upperWindowThresh_Cnt_u16_2	3 1 5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4		
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_		
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_		
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2		
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4		
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_		
CustBattDiagNtcConfig Str[5].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4		
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	_	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4		
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_	3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_		
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4	_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_	3_4_5_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(Elap	sedTim target_Rte_Call_Ap_CustBattDiag_Syste	emTime_DtrmnElapsedTime_mS_	_u16_ElapsedTime
SystemTime_mS_T_u32	1360045420		
Voltage_Volts_T_u10p6	797		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc	1		
ntc	CustBattDiagNtc_E9		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u			
target_lowerVoltage_volt_u10p6	49504 31066		
target_lowerVoltage_volt_u10p6_2	8274		
target_lowerVoltage_volt_u10p6_2_3 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	Resul
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	,
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	•



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

Test Step Call Trace			V	
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
32 11 11 32 2 1	target lowerWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_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	2789309430
Voltage_Volts_T_u10p6	229
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
IowVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E7
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	
target_lowerVoltage_volt_u10p6	35939
target_lowerVoltage_volt_u10p6_2	58414
target_lowerVoltage_volt_u10p6_2_3	2131
target_lowerVoltage_volt_u10p6_2_3_4	32597
target_lowerVoltage_volt_u10p6_2_3_4_5	11937
target_lowerVoltage_volt_u10p6_2_3_4_5_6	61857
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	64894
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	31256
target_lowerWindowThresh_Cnt_u16	59458



Name	Input Value			
target_lowerWindowThresh_Cnt_u16_2	46504	46504		
target_lowerWindowThresh_Cnt_u16_2_3	25558	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	33168		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	5864	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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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	5_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	_7	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	_5_6_7_8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	5_7_8	
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime_ms_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_DtrmnElapsedTime_mS_u16_Elap	sedTime
SystemTime_mS_T_u32	3690017398		
Voltage_Volts_T_u10p6	471		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc ntc	1 CustPattDiagNts_E6		
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap	CustBattDiagNtc_E6		
target lowerVoltage volt u10p6	13442		
target lowerVoltage_volt_u10p6 2	5788		
target lowerVoltage volt u10p6_2	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 target_upperWindowThresh_Cnt_u16 2	39401 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 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	- Nosuit
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	~

CustBattDiag_ReportFaultWithHisteresis



est Step 2.90 (Repeat Count = 1)	Innuit Value
lame	Input Value
rustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
ustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
ustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16 ustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerWindowThresh_Cnt_u16 target_lowerVoltage_volt_u10p6
0 0_ 17 0_ 1	target upperWindowThresh Cnt u16 2
ustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16 ustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
ustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target lowerWindowThresh Cnt u16 2
ustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2
ustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh Cnt u16 2 3
ustBattDiagNtcConfig Str[2].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3
ustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
ustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3
ustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target upperWindowThresh Cnt u16 2 3 4
ustBattDiagNtcConfig Str[3].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4
ustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
ustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
ustBattDiagNtcConfig Str[4].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5
ustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5
ustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
ustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
ustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
ustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
ustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
ustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
ustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
ustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
ustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
ustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
ustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
ustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
ustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
ustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
te_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(Elapsed	Tim target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
ystemTime_mS_T_u32	233054632
oltage_Volts_T_u10p6	30
_LOIDetect_Volts_u10p6	0
_LOINotDetect_Volts_u10p6	0
wVoltageExtraCryteria_Cnt_T_lgc	1
c	CustBattDiagNtc_E9
rget Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 I	Elap 65535
rget_lowerVoltage_volt_u10p6	27637
rget_lowerVoltage_volt_u10p6_2	31225
rget_lowerVoltage_volt_u10p6_2_3	56099
rget_lowerVoltage_volt_u10p6_2_3_4	51231
rget_lowerVoltage_volt_u10p6_2_3_4_5	9001
rget_lowerVoltage_volt_u10p6_2_3_4_5_6	17545
rget_lowerVoltage_volt_u10p6_2_3_4_5_6_7	45565
rget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	39890
rget_lowerWindowThresh_Cnt_u16	5489
rget_lowerWindowThresh_Cnt_u16_2	47635
rget_lowerWindowThresh_Cnt_u16_2_3	33099
rget_lowerWindowThresh_Cnt_u16_2_3_4	54883
rget_lowerWindowThresh_Cnt_u16_2_3_4_5	26263
rget_lowerWindowThresh_Cnt_u16_2_3_4_5_6	64164
rget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	46990
rget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	12545
rget_upperVoltage_volt_u10p6	27637
rget_upperVoltage_volt_u10p6_2	31225
get_upperVoltage_volt_u10p6_2_3	56099
rget_upperVoltage_volt_u10p6_2_3_4	51231
rget_upperVoltage_volt_u10p6_2_3_4_5	9001
rget_upperVoltage_volt_u10p6_2_3_4_5_6	17545
rget_upperVoltage_volt_u10p6_2_3_4_5_6_7	45565
rget_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	39890
rget_upperWindowThresh_Cnt_u16	45654
rget_upperWindowThresh_Cnt_u16_2	20201
	58
	4487
rrget_upperWindowThresh_Cnt_u16_2_3 rrget_upperWindowThresh_Cnt_u16_2_3_4 rrget_upperWindowThresh_Cnt_u16_2_3_4_5	



Name	Input Value		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	41296		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	26456		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	~
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	~
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	~
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2751979985	2751979985	~
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	~
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	1468511910	1468511910	~
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	1468581337	1468581337	~
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1468581337	1468581337	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	~
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3690017398	3690017398	~
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2789309430	2789309430	~
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2789309430	2789309430	✓
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	✓
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	215674156	215674156	~
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	~
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	233054632	233054632	✓

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

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Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
custBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_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(Ela	apsedTim target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
ystemTime_mS_T_u32	3627867432
/oltage_Volts_T_u10p6	951
_LOIDetect_Volts_u10p6	0
_LOINotDetect_Volts_u10p6	0
 pwVoltageExtraCryteria_Cnt_T_lgc	1
otc – – – o	CustBattDiagNtc_E2
arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_	
arget lowerVoltage volt u10p6	64482



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



CustbattDiag_ReportFaultWitinisteresis		[WAC	COLO
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	1_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5		
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_	4_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_	6	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	1_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_		
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_		
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_		
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_	_	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_		
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_		
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_		ima n
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedT	3859604808	ime_DtrmnElapsedTime_mS_u16_ElapsedT	ime
SystemTime_mS_T_u32 Voltage Volts T u10p6	121		
0	0		
k_LOIDetect_Volts_u10p6 k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria Cnt T Igc	0		
ntc	CustBattDiagNtc E5		
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 El	· -		
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			
CustBattDiagNtcTimer Str[1].notDetectWindow Cnt M u32	237540168	237540168	•
		237540168 2751979985	•
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	237540168 2751979985 2835788790	2751979985 2835788790	
	237540168 2751979985 2835788790 3627867432	2751979985 2835788790 3627867432	0
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	237540168 2751979985 2835788790 3627867432 3859604808	2751979985 2835788790 3627867432 3859604808	
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	237540168 2751979985 2835788790 3627867432 3859604808 3859604808	2751979985 2835788790 3627867432 3859604808 3859604808	
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	237540168 2751979985 2835788790 3627867432 3859604808	2751979985 2835788790 3627867432 3859604808	
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	237540168 2751979985 2835788790 3627867432 3859604808 3859604808	2751979985 2835788790 3627867432 3859604808 3859604808	
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	237540168 2751979985 2835788790 3627867432 3859604808 3859604808 1476367136	2751979985 2835788790 3627867432 3859604808 3859604808 1476367136	
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	237540168 2751979985 2835788790 3627867432 3859604808 3859604808 1476367136 3690017398	2751979985 2835788790 3627867432 3859604808 3859604808 1476367136 3690017398	
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	237540168 2751979985 2835788790 3627867432 3859604808 3859604808 1476367136 3690017398 2789309430 2789309430 215674156	2751979985 2835788790 3627867432 3859604808 3859604808 1476367136 3690017398 2789309430 2789309430 215674156	
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	237540168 2751979985 2835788790 3627867432 3859604808 3859604808 1476367136 3690017398 2789309430 2789309430	2751979985 2835788790 3627867432 3859604808 3859604808 1476367136 3690017398 2789309430 2789309430	· · · · · · · · · · · · · · · · · · ·



N	A -41 V-1	Former and Malace	D 14
Name	Actual Value	Expected value	Result
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	233054632	233054632	✓

Test Step Call Trace				V
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	~

est Step 2.93 (Repeat Count = 1)	Input Value
stBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
stBattDiagNtcConfig Str[0].upperVoltage volt u10p6	target upperVoltage volt u10p6
stBattDiagNtcConfig Str[0].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16
stBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6
stBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
stBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
stBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
stBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
stBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
stBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
stBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
stBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
stBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
stBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
stBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
stBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
stBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
stBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
stBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
stBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
stBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
stBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
stBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
stBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
stBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
stBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
stBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
stBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
stBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
stBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
stBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
stBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6 e_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(Ela	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 psedTim target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
e_Call_Ap_CustoatiDiag_System+line_DtmiriEiapsed+line_inS_d+6(Eia stemTime_mS_T_u32	3168605224
Itage_Volts_T_u10p6	911
LOIDetect_Volts_u10p6	0
LOINotDetect_Volts_u10p6	0
/VoltageExtraCryteria Cnt T Igc	1
vollage=xitatifytona_onc_rge	CustBattDiagNtc_E2
get_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u	
get lowerVoltage volt u10p6	65535
get lowerVoltage volt u10p6 2	6893
get_lowerVoltage_volt_u10p6_2_3	23485
get_lowerVoltage_volt_u10p6_2_3_4	24131
get_lowerVoltage_volt_u10p6_2_3_4_5	20186
get_lowerVoltage_volt_u10p6_2_3_4_5_6	44095
get_lowerVoltage_volt_u10p6_2_3_4_5_6_7	44377
get_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	11065
get_lowerWindowThresh_Cnt_u16	25656
get_lowerWindowThresh_Cnt_u16_2	19435
get_lowerWindowThresh_Cnt_u16_2_3	10711
et_lowerWindowThresh_Cnt_u16_2_3_4	12556
get_lowerWindowThresh_Cnt_u16_2_3_4_5	49849
get_lowerWindowThresh_Cnt_u16_2_3_4_5_6	15096
get_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	24156
get_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	57161
get_upperVoltage_volt_u10p6	4207
get_upperVoltage_volt_u10p6_2	6893
get_upperVoltage_volt_u10p6_2_3	23485
get_upperVoltage_volt_u10p6_2_3_4	24131



Name	Input Value		
target_upperVoltage_volt_u10p6_2_3_4_5_6	44095		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	44377		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	11065		
target_upperWindowThresh_Cnt_u16	34257		
target_upperWindowThresh_Cnt_u16_2	3529		
target_upperWindowThresh_Cnt_u16_2_3	47181		
target_upperWindowThresh_Cnt_u16_2_3_4	57204		
target_upperWindowThresh_Cnt_u16_2_3_4_5	31196		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	9915		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	29097		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	18772		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	~
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✓
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✓
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2751979985	2751979985	✓
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	✓
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3168605224	3168605224	✓
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	3859604808	3859604808	✓
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	3859604808	3859604808	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	✓
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3690017398	3690017398	✓
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2789309430	2789309430	✓
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2789309430	2789309430	✓
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	✓
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	215674156	215674156	✓
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	✓
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	233054632	233054632	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~
Rte Call Ap CustBattDiag NxtrDiagMgr SetNTCStatus	1	Rte Call Ap CustBattDiag NxtrDiagMgr SetNTCStatus	1	~

Test Step 2.94 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiagNtcConfig Str[0].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16
CustBattDiagNtcConfig Str[0].upperVoltage volt u10p6	target upperVoltage volt u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8



Name	Name	Input Value		
SystemTree_mS_T_u32		•	ime_DtrmnElapsedTime_mS_u16_ElapsedTir	me
Vallage_Use_Use_Tunippe				
Li, Collabele Li, Vollabing Dec. Li, Collabole Li, C		911		
A				
I				
Integrated Ref. Cell (Ap. CoastBattDlag, SystemTime DimmcBapesedTime, mS_u16_Elips) 28946 18990, void_u10p6 18990, void				
Integred Developing Vol.				
Institute Inst				
Integral University Unit				
Larget_LoverViolage_vol_u1066_2_3_4_5_6 Section				
Starget_LoverViolage_volt_u106_2_2_3_4_5_6_7				
target_loverVoltage_volt_u10p8_2_3_4_5_6_7				
Starget_LoverWindowThresh_Cnt_u16_2 Sept.				
target_loverWindowThresh_Cnt_u16_2_3				
target_lowerWindowThresh_Cnt_u16_2_3_4				
target_lowerWindowTrresh_Cnt_u16_2_3_4_56				
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6				
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 27 33099	·			
target_lower\WindowThresh_Cnt_u16_2_3_4_5_6_7_8 55779 5724				
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8 55779 54249 54249 5422 5422 5424 5422 5424 5422 5424 5422 5424 5424 5422 5424 5444 544				
target_upperVoltage_volt_u10p6_2				
target_upperVoltage_volt_u10p6_2_3				
target_upperVoltage_volt_u10p6_2_3_4				
target_upperVoltage_volt_u10p6_2_3_4_5				
target_upperVoltage_volt_u10p6_2_3_4_5				
target_upperVoltage_volt_u10p6_2_3_4_5_6 7 17223				
target_upperVoltage_volt_u10p6_2_3_4_5_6_7 target_upperVoltage_volt_u10p6_2_3_4_5_6_7 target_upperWindowThresh_Cnt_u16 2348 target_upperWindowThresh_Cnt_u16_2 52202 target_upperWindowThresh_Cnt_u16_2_3 4 9859 target_upperWindowThresh_Cnt_u16_2_3_4 9859 target_upperWindowThresh_Cnt_u16_2_3_4_5 target_upperWindowThresh_Cnt_u16_2_3_4_5 target_upperWindowThresh_Cnt_u16_2_3_4_5 target_upperWindowThresh_Cnt_u16_2_3_4_5_6 9737 target_upperWindowThresh_Cnt_u16_2_3_4_5_6 7807 Name Actual Value Expected Value Result CustBattDiagNtcTimer_Str[0].otbetectWindow_Cnt_M_u32 1820141330 1820141330 CustBattDiagNtcTimer_Str[0].otbetectWindow_Cnt_M_u32 237540168 237540168 CustBattDiagNtcTimer_Str[1].otbetectWindow_Cnt_M_u32 237540168 CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32 237540168 CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32 2385788790 2853788790 2853788790 CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32 33859604808 3859604808 CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32 33859604808 CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32 2385904808 3859604808 CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32 2389309430 2789309430				
target_upperVindowThresh_Cnt_u16				
target_upperWindowThresh_Cnt_u16 2 5200 target_upperWindowThresh_Cnt_u16 2 5200 target_upperWindowThresh_Cnt_u16 2 3 400 target_upperWindowThresh_Cnt_u16 2 3 4 9859 target_upperWindowThresh_Cnt_u16 2 3 4 9859 target_upperWindowThresh_Cnt_u16 2 3 4 5 6 9737 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 41827 target_upperWindowThresh_Cnt_u16 2 3 4 5 6 7 7 41827 target_upperWindowThresh_Cnt_u16 2 3 4 5 6 7 8 7807 Name				
target_upperWindowThresh_Cnt_u16_2_3				
target_upperWindowThresh_Cnt_u16_2_3_4 target_upperWindowThresh_Cnt_u16_2_3_4_5 target_upperWindowThresh_Cnt_u16_2_3_4_5_6 9737 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 87807 Name Actual Value Expected Value Result CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32 2863361536 2863361536 2012 2015BattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32 237540168 237540168 2015BattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32 2385788790 24835788790 25751979985 2015BattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32 2015BattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32 3015BattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32 2015BattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32 2015BattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32 2015BattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32 2015BattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32 215674156 2015BattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32 215674156 2015BattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32 215674156 2015BattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32 215674156 2015BattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32 215674156 2015BattD				
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_78 7807 Name Actual Value Expected Value Result CustBattDiagNtcTimer_Str[0].edtectWindow_Cnt_M_u32 1820141330 1820141330 1820141330 Value Result CustBattDiagNtcTimer_Str[0].edtectWindow_Cnt_M_u32 2863361536 2863361536 2863361536 Value Value Value Value Value Value Value Result Value Value Result Value Value Result Value Value Result Value Result Value Result Value Value Result Value Result Value Result Value Result Value Value Result Value Value Value Value Value Value Value Value Value Value </td <td></td> <td></td> <td></td> <td></td>				
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Name				
Name Actual Value Expected Value Result CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32 1820141330 1820141330 1820141330 CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32 2863361536 2863361536 2863361536 CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32 237540168 237540168 237540168 CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32 2751979985 2751979985 2751979985 CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32 2835788790 2835788790 2835788790 CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32 3188605224 3168605224 3168605224 CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32 3859604808 3859604808 3859604808 CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32 1476367136 1476367136 1476367136 CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32 3690017398 3690017398 3690017398 CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32 2789309430 2789309430 2789309430 CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32 215674156 215674156 215674156 CustBattD				
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[4].detectWindow_Cnt_M_u32 3859604808 3859604808 CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32 1476367136 1476367136 CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32 3690017398 3690017398 CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32 2789309430 2789309430 CustBattDiagNtcTimer_Str[6].detectWindow_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[6].notDetectWindow_Cnt_M_u32 215674156 <	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	7807		
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32 2863361536 2863361536 CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32 237540168 237540168 CustBattDiagNtcTimer_Str[2].detectWindow_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[4].detectWindow_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[6].notDetectWindow_Cnt_M_u32 215674156 215674156 CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32 215674156	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 3168605224 3168605224 CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32 3859604808 3859604808 CustBattDiagNtcTimer_Str[4].detectWindow_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[6].detectWindow_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[6].notDetectWindow_Cnt_M_u32 215674156 215674156 CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32 215674156 215674156 CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32 3091893721 <	CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	~
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	~
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[6].detectWindow_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[6].notDetectWindow_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[1].detectWindow_Cnt_M_u32	237540168	237540168	~
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[6].detectWindow_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[6].notDetectWindow_Cnt_M_u32 215674156 215674156 CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32 3091893721 3091893721	CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2751979985	2751979985	~
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[6].notDetectWindow_Cnt_M_u32 215674156 215674156 CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32 3091893721 3091893721	CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	~
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[2].notDetectWindow_Cnt_M_u32	3168605224	3168605224	~
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[6].detectWindow_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[3].detectWindow_Cnt_M_u32	3859604808	3859604808	~
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[3].notDetectWindow_Cnt_M_u32	3859604808	3859604808	~
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[4].detectWindow_Cnt_M_u32	1476367136	1476367136	~
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[4].notDetectWindow_Cnt_M_u32	3690017398	3690017398	•
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[5].detectWindow_Cnt_M_u32	2789309430	2789309430	-
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32 215674156 215674156 215674156 CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32 3091893721 3091893721	CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2789309430	2789309430	~
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32 3091893721 3091893721	CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	~
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32 3091893721 3091893721	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				V
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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Casta Britishy No. Conf. 3 (F3) New York your York of the Casta Britishy No. Conf. 3 (F4) upper Window Thresh. Ord. 116 1 tespet, lower Yorkson, 25 (F4) upp	
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target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 51030 target_lowerWindowThresh_Cnt_u16_2 19972 target_lowerWindowThresh_Cnt_u16_2_3 21084 target_lowerWindowThresh_Cnt_u16_2_3 48472 target_lowerWindowThresh_Cnt_u16_2_3_4_5 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_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_2_3_1_5_6_7_8 51030 target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8 51030 target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8 31288 target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8 17305 target_upperWindow	
target_lowerWindowThresh_Cnt_u162 19972 target_lowerWindowThresh_Cnt_u162 21084 target_lowerWindowThresh_Cnt_u162_3 48472 target_lowerWindowThresh_Cnt_u162_3_4 23851 target_lowerWindowThresh_Cnt_u162_3_4_5 2330 target_lowerWindowThresh_Cnt_u162_3_4_5_6 7702 target_lowerWindowThresh_Cnt_u162_3_4_5_6_7 32717 target_lowerWindowThresh_Cnt_u162_3_4_5_6_7 32717 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_7 31976 target_upperVoltage_volt_u10p6_2_3_4_5_6_7 31976 target_upperVoltage_volt_u10p6_2_3_4_5_6_7 31976 target_upperVindowThresh_Cnt_u16 16643 target_upperWindowThresh_Cnt_u16_2_3 31288 target_upperWindowThresh_Cnt_u16_2_3_4 17305 target_upperWindowThresh_Cnt_u16_2_3_4 17305 target_upperWindowThresh_Cnt_u16_2_3_4_5_6 1803	
target_lowerWindowThresh_Cnt_u16_2 21084 target_lowerWindowThresh_Cnt_u16_2_3 48472 target_lowerWindowThresh_Cnt_u16_2_3_4_5 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_3 31288 target_upperWindowThresh_Cnt_u16_2_3_4 17305 target_upperWindowThresh_Cnt_u16_2_3_4 17305 target_upperWindowThresh_Cnt_u16_2_3_4_5_6 1803 target_upperWindowThresh_Cnt_u16_2_3_4_5_6 1803	
target_lowerWindowThresh_Cnt_u16_2_3 48472 target_lowerWindowThresh_Cnt_u16_2_3_4 23851 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 2330 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_5 40224 target_upperWindowThresh_Cnt_u16_2_3_4_5_6 40224 target_upperWindowThresh_Cnt_u16_2_3_4_5_6 1803 target_upperWindowThresh_Cnt_u16_2_3_4_5_6 88912	
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_ 31288 target_upperWindowThresh_Cnt_u16_2_3_ 31288 target_upperWindowThresh_Cnt_u16_2_3_4_5_6 17305 target_upperWindowThresh_Cnt_u16_2_3_4_5_6 40224 target_upperWindowThresh_Cnt_u16_2_3_4_5_6 1803 target_upperWindowThresh_Cnt_u16_2_3_4_5_6 1803 target_upperWindowThresh_Cnt_u16_2_3_4_5_6 1803 target_upperWindowThresh_Cn	
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_ 31288 target_upperWindowThresh_Cnt_u16_2_3_4 17305 target_upperWindowThresh_Cnt_u16_2_3_4_5_6 40224 target_upperWindowThresh_Cnt_u16_2_3_4_5_6 1803 target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7 58912	
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8 709 target_upperVoltage_volt_u10p6 6151 target_upperVoltage_volt_u10p6_2 target_upperVoltage_volt_u10p6_2_3 435096 target_upperVoltage_volt_u10p6_2_3_4 target_upperVoltage_volt_u10p6_2_3_4_5 41039 target_upperVoltage_volt_u10p6_2_3_4_5 61718 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 31976 target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 target_upperVindowThresh_Cnt_u16 16643 target_upperWindowThresh_Cnt_u16_2_3 target_upperVindowThresh_Cnt_u16_2_3 target_upperVindowThresh_Cnt_u16_2_3 target_upperWindowThresh_Cnt_u16_2_3_4_5 target_upperWindowThresh_Cnt_u16_2_3_4_5 target_upperWindowThresh_Cnt_u16_2_3_4_5 target_upperWindowThresh_Cnt_u16_2_3_4_5 target_upperWindowThresh_Cnt_u16_2_3_4_5 target_upperWindowThresh_Cnt_u16_2_3_4_5 target_upperWindowThresh_Cnt_u16_2_3_4_5 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 58912	
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_5 41039 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_upperVindowThresh_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 1803 target_upperWindowThresh_Cnt_u16_2_3_4_5_6 1803 target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7 58912	
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8 target_upperVoltage_volt_u10p6 target_upperVoltage_volt_u10p6_2 target_upperVoltage_volt_u10p6_2_3 target_upperVoltage_volt_u10p6_2_3_4 target_upperVoltage_volt_u10p6_2_3_4_5 target_upperVoltage_volt_u10p6_2_3_4_5_6 target_upperVoltage_volt_u10p6_2_3_4_5_6 target_upperVoltage_volt_u10p6_2_3_4_5_6_7 target_upperVoltage_volt_u10p6_2_3_4_5_6_7 target_upperVoltage_volt_u10p6_2_3_4_5_6_7 target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 target_upperWindowThresh_Cnt_u16 target_upperWindowThresh_Cnt_u16_2 target_upperWindowThresh_Cnt_u16_2_3 target_upperWindowThresh_Cnt_u16_2_3_4 target_upperWindowThresh_Cnt_u16_2_3_4 target_upperWindowThresh_Cnt_u16_2_3_4 target_upperWindowThresh_Cnt_u16_2_3_4_5 target_upperWindowThresh_Cnt_u16_2	
target_upperVoltage_volt_u10p6 target_upperVoltage_volt_u10p6_2 target_upperVoltage_volt_u10p6_2_3 target_upperVoltage_volt_u10p6_2_3_4 target_upperVoltage_volt_u10p6_2_3_4_5 target_upperVoltage_volt_u10p6_2_3_4_5_6 target_upperVoltage_volt_u10p6_2_3_4_5_6 target_upperVoltage_volt_u10p6_2_3_4_5_6 target_upperVoltage_volt_u10p6_2_3_4_5_6_7 target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 target_upperWindowThresh_Cnt_u16 target_upperWindowThresh_Cnt_u16_2 target_upperWindowThresh_Cnt_u16_2_3 target_upperWindowThresh_Cnt_u16_2_3 target_upperWindowThresh_Cnt_u16_2_3_4 target_upperWindowThresh_Cnt_u16_2_3_4 target_upperWindowThresh_Cnt_u16_2_3_4 target_upperWindowThresh_Cnt_u16_2_3_4_5 tar	
target_upperVoltage_volt_u10p6_2 target_upperVoltage_volt_u10p6_2_3 target_upperVoltage_volt_u10p6_2_3_4 target_upperVoltage_volt_u10p6_2_3_4_5 target_upperVoltage_volt_u10p6_2_3_4_5_6 target_upperVoltage_volt_u10p6_2_3_4_5_6 target_upperVoltage_volt_u10p6_2_3_4_5_6_7 target_upperVoltage_volt_u10p6_2_3_4_5_6_7 target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 target_upperWindowThresh_Cnt_u16 target_upperWindowThresh_Cnt_u16_2 target_upperWindowThresh_Cnt_u16_2_3 target_upperWindowThresh_Cnt_u16_2_3 target_upperWindowThresh_Cnt_u16_2_3_4 target_upperWindowThresh_Cnt_u16_2_3_4 target_upperWindowThresh_Cnt_u16_2_3_4 target_upperWindowThresh_Cnt_u16_2_3_4_5 target_upperWindowThresh_Cnt_u16_2_3	
target_upperVoltage_volt_u10p6_2_3 target_upperVoltage_volt_u10p6_2_3_4 target_upperVoltage_volt_u10p6_2_3_4_5 target_upperVoltage_volt_u10p6_2_3_4_5_6 target_upperVoltage_volt_u10p6_2_3_4_5_6 target_upperVoltage_volt_u10p6_2_3_4_5_6_7 target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 target_upperWindowThresh_Cnt_u16 target_upperWindowThresh_Cnt_u16_2 target_upperWindowThresh_Cnt_u16_2_3 target_upperWindowThresh_Cnt_u16_2_3 target_upperWindowThresh_Cnt_u16_2_3_4 target_upperWindowThresh_Cnt_u16_2_3_4 target_upperWindowThresh_Cnt_u16_2_3_4 target_upperWindowThresh_Cnt_u16_2_3_4_5 target_upperWindowThresh_C	
target_upperVoltage_volt_u10p6_2_3_4	
target_upperVoltage_volt_u10p6_2_3_4_5	
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 1803 target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7 58912	
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_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 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 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 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 target_upperWindowThresh_Cnt_u16_2_3_4_5 target_upperWindowThresh_Cnt_u16_2_3_4_5_6 target_upperWindowThresh_Cnt_u16_2_3_4_5_67 17305 40224 target_upperWindowThresh_Cnt_u16_2_3_4_5_6 58912	
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 target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7 1803 58912	
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7 58912	
target upperwindowTiffeSti Citt UTO 2 3 4 3 0 7 0 Z0958	
Name Actual Value Expected Value	Re
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32 1820141330 1820141330	
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32 2863361536 2863361536	
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32 237540168 237540168	
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32 2751979985 2751979985 CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32 2835788790 2835788790	



Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3168605224	3168605224	✓
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	3859604808	3859604808	✓
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	3859604808	3859604808	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	~
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3690017398	3690017398	✓
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2789309430	2789309430	~
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2789309430	2789309430	✓
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	✓
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	215674156	215674156	~
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	~
CustBattDiagNtcTimer Str[7].notDetectWindow Cnt M u32	785120416	785120416	✓

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

Test Stan 2.06 (Panest Count = 4)	
Test Step 2.96 (Repeat Count = 1)	Invest Males
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_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(Ela	apsedTim target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	905485787
/oltage_Volts_T_u10p6	369
_LOIDetect_Volts_u10p6	0
z_LOINotDetect_Volts_u10p6	0
pwVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E1
arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_	u16_Elap 15730
arget_lowerVoltage_volt_u10p6	17764
arget_lowerVoltage_volt_u10p6_2	65535
arget_lowerVoltage_volt_u10p6_2_3	24020
arget_lowerVoltage_volt_u10p6_2_3_4	48162
arget_lowerVoltage_volt_u10p6_2_3_4_5	11939
arget_lowerVoltage_volt_u10p6_2_3_4_5_6	854
arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7	23793
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	14684
target_lowerWindowThresh_Cnt_u16	5655



Name	Input Value		
target_lowerWindowThresh_Cnt_u16_2	4182		
target_lowerWindowThresh_Cnt_u16_2_3	37322		
target_lowerWindowThresh_Cnt_u16_2_3_4	6800		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	50005		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	21132		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	54083		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	17506		
target_upperVoltage_volt_u10p6	17764		
target_upperVoltage_volt_u10p6_2	21066		
target_upperVoltage_volt_u10p6_2_3	24020		
target_upperVoltage_volt_u10p6_2_3_4	48162		
target_upperVoltage_volt_u10p6_2_3_4_5	11939		
target_upperVoltage_volt_u10p6_2_3_4_5_6	854		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	23793		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	14684		
target_upperWindowThresh_Cnt_u16	33866		
target_upperWindowThresh_Cnt_u16_2	22718		
target_upperWindowThresh_Cnt_u16_2_3	1965		
target_upperWindowThresh_Cnt_u16_2_3_4	18443		
target_upperWindowThresh_Cnt_u16_2_3_4_5	3508		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	31486		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	40465		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	31866		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	-
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✓
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	•
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	905485787	905485787	✓
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	•
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3168605224	3168605224	✓
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	3859604808	3859604808	✓
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	3859604808	3859604808	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	✓
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3690017398	3690017398	•
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2789309430	2789309430	-
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2789309430	2789309430	✓
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	-
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	215674156	215674156	✓
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	~
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	785120416	785120416	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~

Test Step 2.97 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6



Name	Input Value			
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4	. 5 6		
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target lowerWindowThresh Cnt u16 2			
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6		target lowerVoltage volt u10p6 2 3 4 5 6		
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7		
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4			
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2	_3_4_5_6_7		
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4	_5_6_7		
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	_3_4_5_6_7_8		
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4	_5_6_7_8		
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2			
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4			
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS		emTime_DtrmnElapsedTime_mS_u1	6_ElapsedTime	
SystemTime_mS_T_u32	2773961768			
Voltage_Volts_T_u10p6	14			
k_LOIDetect_Volts_u10p6	0			
k_LOINotDetect_Volts_u10p6	0			
lowVoltageExtraCryteria_Cnt_T_lgc ntc				
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTi	CustBattDiagNtc_E7			
target_lowerVoltage_volt_u10p6	54431			
target_lowerVoltage_volt_u10p6_2	950			
target_lowerVoltage_volt_u10p6_2 target_lowerVoltage_volt_u10p6_2_3	44288			
target lowerVoltage volt u10p6 2 3 4	17582			
target lowerVoltage volt u10p6 2 3 4 5	50501			
target_lowerVoltage_volt_u10p6_2_3_4_5_6	24041			
target lowerVoltage volt u10p6 2 3 4 5 6 7	18670			
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	30176			
target lowerWindowThresh Cnt u16	49658			
target_lowerWindowThresh_Cnt_u16_2	11097			
target_lowerWindowThresh_Cnt_u16_2_3	16824			
target_lowerWindowThresh_Cnt_u16_2_3_4	715			
target_lowerWindowThresh_Cnt_u16_2_3_4_5	4992			
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	37725			
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	25700			
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	19023			
target_upperVoltage_volt_u10p6	54431			
target_upperVoltage_volt_u10p6_2	950			
target_upperVoltage_volt_u10p6_2_3	44288			
target_upperVoltage_volt_u10p6_2_3_4	17582			
target_upperVoltage_volt_u10p6_2_3_4_5	50501			
target_upperVoltage_volt_u10p6_2_3_4_5_6	24041			
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	18670			
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	30176			
target_upperWindowThresh_Cnt_u16	18916			
target_upperWindowThresh_Cnt_u16_2	50899			
target_upperWindowThresh_Cnt_u16_2_3	61868			
target_upperWindowThresh_Cnt_u16_2_3_4	24619 42120			
target_upperWindowThresh_Cnt_u16_2_3_4_5 target_upperWindowThresh_Cnt_u16_2_3_4_5_6	23426			
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	62635			
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	59685			
Name	Actual Value	Expected Value	Poor	
		· ·	Resu	
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330 2863361536	1820141330		
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2863361536 237540168	2863361536 237540168		
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	905485787	905485787		
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_us2 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		
		1 · · · · · · · · · · · · · · · · · · ·		



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	✓	

est Step 2.98 (Repeat Count = 1)	
ame	Input Value
ustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
ustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
ustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
ustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
ustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
ustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
ustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
ustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
ustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target upperWindowThresh Cnt u16 2 3
ustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
ustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target lowerWindowThresh Cnt u16 2 3
ustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
ustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target upperWindowThresh Cnt u16 2 3 4
ustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
ustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target lowerWindowThresh Cnt u16 2 3 4
ustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
ustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target upperWindowThresh Cnt u16 2 3 4 5
ustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5
3	target_uppervoltage_volt_u1up6_z_5_4_5 target_lowerWindowThresh_Cnt_u16_2_3_4_5
ustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	
ustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
ustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
ustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
ustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
ustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
ustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
ustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
ustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
ustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
ustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
ustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
ustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
ustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
te_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTir	m target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
ystemTime_mS_T_u32	2185517394
oltage_Volts_T_u10p6	207
LOIDetect Volts u10p6	0
LOINotDetect Volts u10p6	0
wVoltageExtraCryteria_Cnt_T_lgc	0
c	CustBattDiagNtc_E7
rget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Ela	
rget_lowerVoltage_volt_u10p6	25828
	38505
rget_lowerVoltage_volt_u10p6_2	
rget_lowerVoltage_volt_u10p6_2_3	0
rget_lowerVoltage_volt_u10p6_2_3_4	32607
rget_lowerVoltage_volt_u10p6_2_3_4_5	11437
rget_lowerVoltage_volt_u10p6_2_3_4_5_6	1828
rget_lowerVoltage_volt_u10p6_2_3_4_5_6_7	39144
rget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	1979
rget_lowerWindowThresh_Cnt_u16	53867
rget_lowerWindowThresh_Cnt_u16_2	50619
rget_lowerWindowThresh_Cnt_u16_2_3	2925
get_lowerWindowThresh_Cnt_u16_2_3_4	61051
get_lowerWindowThresh_Cnt_u16_2_3_4_5	20851
rget_lowerWindowThresh_Cnt_u16_2_3_4_5_6	53701
rget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	42141
rget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	6948
rget_upperVoltage_volt_u10p6	25828
rget upperVoltage volt u10p6 2	38505
rget_upperVoltage_volt_u10p6_2_3	19321
	32607
rget_upperVoltage_volt_u10p6_2_3_4	



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(ElapsedTime	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	905485787
Voltage_Volts_T_u10p6	369



Name	Input Value		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc	0		
ntc	CustBattDiagNtc_E7		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	16322		
target_lowerVoltage_volt_u10p6	50607		
target_lowerVoltage_volt_u10p6_2	38705		
target_lowerVoltage_volt_u10p6_2_3	65535		
target_lowerVoltage_volt_u10p6_2_3_4	18425		
target_lowerVoltage_volt_u10p6_2_3_4_5	52671		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	43265		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	64909		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	60920		
target_lowerWindowThresh_Cnt_u16	56508		
target_lowerWindowThresh_Cnt_u16_2	31713		
target_lowerWindowThresh_Cnt_u16_2_3	18746		
target_lowerWindowThresh_Cnt_u16_2_3_4	52671		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	14412		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	38871		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	53193		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	60376		
target_upperVoltage_volt_u10p6	50607		
target_upperVoltage_volt_u10p6_2	38705		
target_upperVoltage_volt_u10p6_2_3	39239		
target_upperVoltage_volt_u10p6_2_3_4	18425		
target_upperVoltage_volt_u10p6_2_3_4_5	52671		
target_upperVoltage_volt_u10p6_2_3_4_5_6	43265		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	64909		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	60920		
target_upperWindowThresh_Cnt_u16	64996		
target_upperWindowThresh_Cnt_u16_2	50374		
target_upperWindowThresh_Cnt_u16_2_3	6827		
target_upperWindowThresh_Cnt_u16_2_3_4	57748		
target_upperWindowThresh_Cnt_u16_2_3_4_5	2516		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	2188		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	24469		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	53385		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	-
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	•
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	•
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	905485787	905485787	•
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	•
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3168605224	3168605224	•
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	3859604808	3859604808	-
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	3859604808	3859604808	•
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	•
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3690017398	3690017398	•
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	905485787	905485787	•
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	905485787	905485787	•
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	~
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	215674156	215674156	•
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	~
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	785120416	785120416	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	•

Test Step 2.100 (Repeat Count = 1)		
Name	Input Value	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2	



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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	4	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[3].lowerWindowThresh Cnt u16	target_upperVoltage_volt_u10p6_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4	1	
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4	•	
CustBattDiagNtcConfig Str[4].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4	4 5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	. _	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	1_ 5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5		
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	4_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_0	6	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6		
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_0	_	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_lowerVoltage_volt_u10p6_2_3_4_5_6 target_upperWindowThresh_Cnt_u16_2_3_4	_	
CustBattDiagNtcConfig_Str[7].upperVviilaGw*rincsin_Sin_direction CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_0		
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig Str[7].lowerVoltage volt u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6		
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedT		ime_DtrmnElapsedTime_mS_u16_ElapsedTi	ime
SystemTime_mS_T_u32	2773961768		
Voltage_Volts_T_u10p6	14		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc	1		
ntc	CustBattDiagNtc_E8		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_El	· l		
target_lowerVoltage_volt_u10p6	25564		
target_lowerVoltage_volt_u10p6_2	14977		
target_lowerVoltage_volt_u10p6_2_3 target_lowerVoltage_volt_u10p6_2_3_4	33954 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 14977		
target_upperVoltage_volt_u10p6_2 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	I=	
Name	Actual Value	Expected Value	Resu
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 CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	237540168	237540168	•
	905485787	905485787	
	2835788700	2835788700	
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	
	2835788790 3168605224 3859604808	2835788790 3168605224 3859604808	

TEST DETAILS REPORT CustBattDiag_ReportFaultWithHisteresis

2018-05-17, 14:29:19+0530



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	~

T4-04 0.404 (D4-04-4)	
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 CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 target_lowerVoltage_volt_u10p6_2_3_4_5_6
	target upperWindowThresh Cnt u16 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	
3	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upper\WindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVviridowTriestr_Crit_u10 CustBattDiagNtcConfig_Str[7].lowerVviridowTriestr_Crit_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	2185517394
Voltage_Volts_T_u10p6	207
k_LOIDetect_Volts_u10p6	0
k LOINotDetect Volts u10p6	0
lowVoltageExtraCryteria Cnt T Igc	1
ntc	CustBattDiagNtc E9
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap	· -
target_lowerVoltage_volt_u10p6	52156
target lowerVoltage_volt_u10p6 2	63928
target lowerVoltage volt u10p6 2 3	58406
target lowerVoltage volt u10p6 2 3 4	0
target lowerVoltage volt u10p6 2 3 4 5	9695
target_lowerVoltage_volt_u10p6_2_3_4_5_6	5307
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	22223
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	58345
target lowerWindowThresh Cnt u16	33017
target_lowerWindowThresh_Cnt_u16_2	38306
target lowerWindowThresh Cnt u16 2 3	7007
target_lowerWindowThresh_Cnt_u16_2_3_4	12838
target lowerWindowThresh Cnt u16 2 3 4 5	25201



Name	Input Value		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	26865		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	23284		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	26776		
target_upperVoltage_volt_u10p6	52156		
target_upperVoltage_volt_u10p6_2	63928		
target_upperVoltage_volt_u10p6_2_3	58406		
target_upperVoltage_volt_u10p6_2_3_4	608		
target_upperVoltage_volt_u10p6_2_3_4_5	9695		
target_upperVoltage_volt_u10p6_2_3_4_5_6	5307		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	22223		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	58345		
target_upperWindowThresh_Cnt_u16	17122		
target_upperWindowThresh_Cnt_u16_2	34764		
target_upperWindowThresh_Cnt_u16_2_3	6572		
target_upperWindowThresh_Cnt_u16_2_3_4	17615		
target_upperWindowThresh_Cnt_u16_2_3_4_5	62713		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	55547		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	13370		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	18176		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	~
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✓
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	~
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	905485787	905485787	✓
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	~
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3168605224	3168605224	✓
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	3859604808	3859604808	✓
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	3859604808	3859604808	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	~
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3690017398	3690017398	~
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	905485787	905485787	~
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	905485787	905485787	✓
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	~
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2773961768	2773961768	✓
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	~
CustBattDiagNtcTimer Str[7].notDetectWindow Cnt M u32	2185517394	2185517394	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	•

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



Name	Input Value		
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_		
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_	_	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	_	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_		
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_		
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6		T:
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin		Ime_DtrmnElapsedTime_m5_u16_Elapsed	rime
SystemTime_mS_T_u32	2773961768 14		
Voltage_Volts_T_u10p6 k LOIDetect Volts u10p6	0		
k LOINotDetect Volts u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc	0		
ntc	CustBattDiagNtc_E9		
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Ela			
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	Ž
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2773961768	2773961768	· ·
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	2773961768	2773961768	•

Test Step Call Trace				V
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	~



Considerations Cons	Test Step 2.103 (Repeat Count = 1)	Innut Value
Content	Name	Input Value
Content		
Designation		
Consideration Consideratio		
Designation		
Substitution Section		
LaidiantinghylicCode Setting provides you (198) Imper Linguis (Setting Provides you (198) Imper Lingui		
Statistical public Confesce Stip Lower Voltage vol. 1506	0 02 11 11 0 0 2 2 1	
Land Ball Depict Conf. Set Supervividace or three Conf. 16		
publication (1906 p. 3.4) target upper/voltage volt. 1909 p. 3.4 publication (1906 p. 3.4) target (1906 p. 3.4) publi		, , , , , , , , , , , , , , , , , , ,
Statistical policy Config. Spirit Deverviolage_Vol. 1/106		
Substitution Surfice (upper-Vindous Private)		
	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·
	0 0= 1711 0 = -	
based Base		
	· · · · · · · · · · · · · · · · · · ·	
SaleBattDagNtConig_Strig SaveWindowThresh_Cnt_u16 Inget_DewWindowThresh_Cnt_u16_2_3_4_5_6 SaleBattDagNtConig_Strig SavePlay_volt_u16p6 Inget_DewWindowThresh_Cnt_u16_2_3_4_5_6_7 Inget_D		
Local Ball Delay No. Conf. Sitfo Devel Voltage volt 1006 2.4.5.6		0 = 11
Substantion Surface Super Super Surface Surf		
	0 0= 11 0 = 1	
DataBattDiagNicConfig Strip lowerVindowTriesh		
DataBattDiagNtcConfig Str[7] UpperWindowThresh Cnt_u16		
Dual Ball Diago Nic Config. Str/Tj Jupper Window Threath. Cnt. U16 target. upper Window Threath. Cnt. U16 2.3.4.5.6.7.8 BustBall Diago Nic Config. Str/Tj Jover Window Threath. Cnt. U16 target. upper Window Threath. Cnt. U16 2.3.4.5.6.7.8 BustBall Diago Nic Config. Str/Tj Jover Window Threath. Cnt. U16 2.3.4.5.6.7.8 target. Upper Window Threath. Cnt. U16 2.3.4.5.6.7.8 BustBall Diago Nic Config. Str/Tj Jover Window Threath. Cnt. U16 2.3.4.5.6.7.2 target. Upper Window Threath. Cnt. U16 2.3.4.5.6.7.8 BustBall Diago Nic Config. Str/Tj Jover Window Threath. Cnt. U16 2.3.4.5.6.7.2 target. Exc. Call. Ap. CustBall Diag. System Time. DirmnElapsed Time. ms. U16 Elapsed Time. System Time. DirmnElapsed Time. ms. U16 Elapsed Time. System Time. DirmnElapsed Time. ms. U16 Elapsed Time. DirmnElapsed Time. Ms. U16 El		
Lange Linday National Lange Linday L		
Lingst L		
LastBattDlagNtConfig_Str[7].bowerVoltage_volt_u10p6 larget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 larget_lowerVolt		
Ric Call AD CustBattDlag SystemTime DtmnElapsedTime mS u16(ElapsedTime is target_Ric_Call AD_CustBattDlag_SystemTime_DtmnElapsedTime_mS_u16_ElapsedTime is yestemTime_mS_u16_ElapsedTime is yestemTime_mS_u16_ElapsedTime is yestemTime_mS_u16_ElapsedTime is yestemTime_mS_u16_ElapsedTime is yestemTime_mS_u16_ElapsedT	· · ·	
SystemTime_mS_T_u32	· · · · · · · · · · · · · · · · · · ·	
Voltage_Volts_T_u1066 207 L_OlloBeteL_Volts_u1066 0 L_OlloBeteL_Volts_u1066 0 cwVoltageExtraCryleria_Cnt_T_lgc 0 carget_Re_Call_Ap_CustBattDlag_SystemTime_DtrmnElapsedTime_mS_u16_Elap 2213 arget_LowerVoltage_volt_u1066 12077 arget_LowerVoltage_volt_u1066_2 65417 arget_LowerVoltage_volt_u1066_2_3 15478 arget_LowerVoltage_volt_u1066_2_3_4 17269 arget_LowerVoltage_volt_u1066_2_3_4 17269 arget_LowerVoltage_volt_u1066_2_3_4_5_6_7 41706 arget_LowerVoltage_volt_u1066_2_3_4_5_6_7 59136 arget_LowerVoltage_volt_u1066_2_3_4_5_6_7_8 59949 arget_LowerWindowThresh_Cnt_u16_2 2666 arget_LowerWindowThresh_Cnt_u16_2_3_4_5_6 62389 arget_LowerWindowThresh_Cnt_u16_2_3_4_5_6 960 arget_LowerWindowThresh_Cnt_u16_2_3_4_5_6 47698 arget_LowerWindowThresh_Cnt_u16_2_3_4_5_6_7 14971 arget_LowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8 1030 arget_LowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8 1030 arget_LowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8 1030		
L_CIDialect_Volts_u10p6 L_CIDIAlotated_Volts_u10p6 0 CustBattDiagNtc_E2 arget_lowerVoltage_Volt_u10p6 arget_lowerVoltage_Volt_u10p6 arget_lowerVoltage_Volt_u10p6 arget_lowerVoltage_Volt_u10p6_2_3 arget_lowerVoltage_Volt_u10p6_2_3 arget_lowerVoltage_Volt_u10p6_2_3 arget_lowerVoltage_Volt_u10p6_2_3_4_5 arget_lowerVoltage_Volt_u10p6_2_3_		
CUNIOIDETECT_VOITS_U1096		
ow/oltageExtraCryteria_Cnt_T_lgc to		
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arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6		
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8 1030 arget_upperVoltage_volt_u10p6 12077 arget_upperVoltage_volt_u10p6_2_3 arget_upperVoltage_volt_u10p6_2_3 15478 arget_upperVoltage_volt_u10p6_2_3_4_5_6 arget_upperVoltage_volt_u10p6_2_3_4_5_6 arget_upperVoltage_volt_u10p6_2_3_4_5_6 arget_upperVoltage_volt_u10p6_2_3_4_5_6 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7 41706 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7 41022 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7 41022 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 41994 arget_upperWindowThresh_Cnt_u16_6 42839 arget_upperWindowThresh_Cnt_u16_2_3 4761 arget_upperWindowThresh_Cnt_u16_2_3_4 47138 arget_upperWindowThresh_Cnt_u16_2_3_4_5_6 47138 arget_upperWindowThresh_Cnt_u16_2_3_4_5_6 47108 arget_upperWindowThresh_Cnt_u16_2_3_4_5_6 47108 arget_upperWindowThresh_Cnt_u16_2_3_4_5_6 47108 arget_upperWindowThresh_Cnt_u16_2_3_4_5_6 47108 47108 arget_upperWindowThresh_Cnt_u16_2_3_4_5_6 47108		
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8 arget_upperVoltage_volt_u10p6 arget_upperVoltage_volt_u10p6_2 arget_upperVoltage_volt_u10p6_2_3 arget_upperVoltage_volt_u10p6_2_3_4 arget_upperVoltage_volt_u10p6_2_3_4 arget_upperVoltage_volt_u10p6_2_3_4_5 arget_upperVoltage_volt_u10p6_2_3_4_5 arget_upperVoltage_volt_u10p6_2_3_4_5_6 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7 41022 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_upperWindowThresh_Cnt_u16_2 arget_upperWindowThresh_Cnt_u16_2 arget_upperWindowThresh_Cnt_u16_2_3_4 arget_upperWindowThresh_Cnt_u16_2_3_4 arget_upperWindowThresh_Cnt_u16_2_3_4 arget_upperWindowThresh_Cnt_u16_2_3_4_5 arget_upperWindowThresh		
arget_upperVoltage_volt_u10p6		
arget_upperVoltage_volt_u10p6_2 arget_upperVoltage_volt_u10p6_2_3 arget_upperVoltage_volt_u10p6_2_3_4 arget_upperVoltage_volt_u10p6_2_3_4 arget_upperVoltage_volt_u10p6_2_3_4_5 arget_upperVoltage_volt_u10p6_2_3_4_5_6 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7 41022 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7 41022 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_upperWindowThresh_Cnt_u16 42839 arget_upperWindowThresh_Cnt_u16_2_3 arget_upperWindowThresh_Cnt_u16_2_3 arget_upperWindowThresh_Cnt_u16_2_3_4 arget_upperWindowThresh_Cnt_u16_2_3_4 arget_upperWindowThresh_Cnt_u16_2_3_4_5		
arget_upperVoltage_volt_u10p6_2_3_4 arget_upperVoltage_volt_u10p6_2_3_4 arget_upperVoltage_volt_u10p6_2_3_4_5 arget_upperVoltage_volt_u10p6_2_3_4_5 arget_upperVoltage_volt_u10p6_2_3_4_5_6 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7 41022 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_upperWindowThresh_Cnt_u16 42839 arget_upperWindowThresh_Cnt_u16_2_3 arget_upperWindowThresh_Cnt_u16_2_3 arget_upperWindowThresh_Cnt_u16_2_3_4 arget_upperWindowThresh_Cnt_u16_2_3_4 arget_upperWindowThresh_Cnt_u16_2_3_4_5 arget_upperWindowThresh_Cnt_u16_2_3_4_5 arget_upperWindowThresh_Cnt_u16_2_3_4_5_6 34844		
arget_upperVoltage_volt_u10p6_2_3_4_5 arget_upperVoltage_volt_u10p6_2_3_4_5 41706 arget_upperVoltage_volt_u10p6_2_3_4_5_6 59136 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7 41022 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 59949 arget_upperWindowThresh_Cnt_u16 42839 arget_upperWindowThresh_Cnt_u16_2_3 arget_upperWindowThresh_Cnt_u16_2_3 47138 arget_upperWindowThresh_Cnt_u16_2_3_4_5 47138	· - · · · · - · - · - · · - · · · · · ·	
arget_upperVoltage_volt_u10p6_2_3_4_5	argor_appor voltago_volt_a ropu_z_o	
arget_upperVoltage_volt_u10p6_2_3_4_5_6 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7 41022 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_upperWindowThresh_Cnt_u16 arget_upperWindowThresh_Cnt_u16_2 arget_upperWindowThresh_Cnt_u16_2_3 arget_upperWindowThresh_Cnt_u16_2_3 arget_upperWindowThresh_Cnt_u16_2_3_4 47138 arget_upperWindowThresh_Cnt_u16_2_3_4_5 arget_upperWindowThresh_Cnt_u16_2_3_4_5 arget_upperWindowThresh_Cnt_u16_2_3_4_5 34844	· ·	
arget_upperVoltage_volt_u10p6_2_3_4_5_6_7 41022 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 59949 arget_upperWindowThresh_Cnt_u16 42839 arget_upperWindowThresh_Cnt_u16_2 5761 arget_upperWindowThresh_Cnt_u16_2_3 4296 arget_upperWindowThresh_Cnt_u16_2_3_4 47138 arget_upperWindowThresh_Cnt_u16_2_3_4_5 17088 arget_upperWindowThresh_Cnt_u16_2_3_4_5 34844	arget_upperVoltage_volt_u10p6_2_3_4	41706
arget_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 59949 arget_upperWindowThresh_Cnt_u16 42839 arget_upperWindowThresh_Cnt_u16_2 5761 arget_upperWindowThresh_Cnt_u16_2_3 54296 arget_upperWindowThresh_Cnt_u16_2_3_4 47138 arget_upperWindowThresh_Cnt_u16_2_3_4_5 17088 arget_upperWindowThresh_Cnt_u16_2_3_4_5_6 34844	arget_upperVoltage_volt_u10p6_2_3_4 arget_upperVoltage_volt_u10p6_2_3_4_5	
arget_upperWindowThresh_Cnt_u16 42839 arget_upperWindowThresh_Cnt_u16_2 5761 arget_upperWindowThresh_Cnt_u16_2_3 54296 arget_upperWindowThresh_Cnt_u16_2_3_4 47138 arget_upperWindowThresh_Cnt_u16_2_3_4_5 17088 arget_upperWindowThresh_Cnt_u16_2_3_4_56 34844	arget_upperVoltage_volt_u10p6_2_3_4 arget_upperVoltage_volt_u10p6_2_3_4_5 arget_upperVoltage_volt_u10p6_2_3_4_5_6	59136
arget_upperWindowThresh_Cnt_u16_2 5761 arget_upperWindowThresh_Cnt_u16_2_3 54296 arget_upperWindowThresh_Cnt_u16_2_3_4 47138 arget_upperWindowThresh_Cnt_u16_2_3_4_5 17088 arget_upperWindowThresh_Cnt_u16_2_3_4_56 34844	arget_upperVoltage_volt_u10p6_2_3_4 arget_upperVoltage_volt_u10p6_2_3_4_5 arget_upperVoltage_volt_u10p6_2_3_4_5_6 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7	59136 41022
arget_upperWindowThresh_Cnt_u16_2_3 54296 arget_upperWindowThresh_Cnt_u16_2_3_4 47138 arget_upperWindowThresh_Cnt_u16_2_3_4_5 17088 arget_upperWindowThresh_Cnt_u16_2_3_4_56 34844	arget_upperVoltage_volt_u10p6_2_3_4 arget_upperVoltage_volt_u10p6_2_3_4_5 arget_upperVoltage_volt_u10p6_2_3_4_5_6 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	59136 41022 59949
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	arget_upperVoltage_volt_u10p6_2_3_4 arget_upperVoltage_volt_u10p6_2_3_4_5 arget_upperVoltage_volt_u10p6_2_3_4_5 arget_upperVoltage_volt_u10p6_2_3_4_5_6 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_upperWindowThresh_Cnt_u16	59136 41022 59949 42839
target_upperWindowThresh_Cnt_u16_2_3_4_5 17088 target_upperWindowThresh_Cnt_u16_2_3_4_5_6 34844	arget_upperVoltage_volt_u10p6_2_3_4 arget_upperVoltage_volt_u10p6_2_3_4_5 arget_upperVoltage_volt_u10p6_2_3_4_5 arget_upperVoltage_volt_u10p6_2_3_4_5_6 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_upperWindowThresh_Cnt_u16 arget_upperWindowThresh_Cnt_u16_2	59136 41022 59949 42839 5761
arget_upperWindowThresh_Cnt_u16_2_3_4_5_6 34844	arget_upperVoltage_volt_u10p6_2_3_4 arget_upperVoltage_volt_u10p6_2_3_4_5 arget_upperVoltage_volt_u10p6_2_3_4_5 arget_upperVoltage_volt_u10p6_2_3_4_5_6 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_upperWindowThresh_Cnt_u16 arget_upperWindowThresh_Cnt_u16_2 arget_upperWindowThresh_Cnt_u16_2 arget_upperWindowThresh_Cnt_u16_2_3	59136 41022 59949 42839 5761 54296
	target_upperVoltage_volt_u10p6_2_3_4 target_upperVoltage_volt_u10p6_2_3_4_5 target_upperVoltage_volt_u10p6_2_3_4_5_6 target_upperVoltage_volt_u10p6_2_3_4_5_6_7 target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 target_upperWindowThresh_Cnt_u16 target_upperWindowThresh_Cnt_u16_2 target_upperWindowThresh_Cnt_u16_2_3 target_upperWindowThresh_Cnt_u16_2_3_4	59136 41022 59949 42839 5761 54296 47138
	arget_upperVoltage_volt_u10p6_2_3_4 arget_upperVoltage_volt_u10p6_2_3_4_5 arget_upperVoltage_volt_u10p6_2_3_4_5_6 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_upperWindowThresh_Cnt_u16 arget_upperWindowThresh_Cnt_u16_2 arget_upperWindowThresh_Cnt_u16_2_3 arget_upperWindowThresh_Cnt_u16_2_3_4 arget_upperWindowThresh_Cnt_u16_2_3_4 arget_upperWindowThresh_Cnt_u16_2_3_4_5	59136 41022 59949 42839 5761 54296 47138
	arget_upperVoltage_volt_u10p6_2_3_4 arget_upperVoltage_volt_u10p6_2_3_4_5 arget_upperVoltage_volt_u10p6_2_3_4_5 arget_upperVoltage_volt_u10p6_2_3_4_5_6 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_upperWindowThresh_Cnt_u16 arget_upperWindowThresh_Cnt_u16_2 arget_upperWindowThresh_Cnt_u16_2_3 arget_upperWindowThresh_Cnt_u16_2_3_4 arget_upperWindowThresh_Cnt_u16_2_3_4 arget_upperWindowThresh_Cnt_u16_2_3_4_5	59136 41022 59949 42839 5761 54296 47138



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				V
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(ElapsedTi	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	3530899652
Voltage_Volts_T_u10p6	911
C_LOIDetect_Volts_u10p6	0
_LOINotDetect_Volts_u10p6	0
owVoltageExtraCryteria_Cnt_T_lgc	0
ntc	CustBattDiagNtc_E6
arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Ela	12437
arget_lowerVoltage_volt_u10p6	44080
target_lowerVoltage_volt_u10p6_2	57313
target_lowerVoltage_volt_u10p6_2_3	60255
target_lowerVoltage_volt_u10p6_2_3_4	57939
target_lowerVoltage_volt_u10p6_2_3_4_5	0



Name	Input Value		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	17645		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	4421		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	23673		
target_lowerWindowThresh_Cnt_u16	63216		
target_lowerWindowThresh_Cnt_u16_2	21262		
target_lowerWindowThresh_Cnt_u16_2_3	58280		
target_lowerWindowThresh_Cnt_u16_2_3_4	48612		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	45094		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	15921		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	50664		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	60039		
target upperVoltage volt u10p6	44080		
target upperVoltage volt u10p6 2	57313		
target upperVoltage volt u10p6 2 3	60255		
target upperVoltage volt u10p6 2 3 4	57939		
target upperVoltage volt u10p6 2 3 4 5	42535		
target upperVoltage volt u10p6 2 3 4 5 6	17645		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	4421		
target upperVoltage volt u10p6 2 3 4 5 6 7 8	23673		
target upperWindowThresh Cnt u16	33222		
target upperWindowThresh Cnt u16 2	22855		
target upperWindowThresh Cnt u16 2 3	22082		
target upperWindowThresh Cnt u16 2 3 4	576		
target upperWindowThresh Cnt u16 2 3 4 5	2277		
target upperWindowThresh Cnt u16 2 3 4 5 6	43186		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	36158		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	38181		
Name	Actual Value	Expected Value	Resul
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	
	2773961768	2773961768	
CustBattDiagNtcTimer Str[7].detectWindow Cnt M u32			

Test Step Call Trace				V
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



CustbattDiag_ReportFauitvittinisteresis			MACTION
Name	Input Value		
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	5_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3	3_4_5	
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3	3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16		
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3	3_4_5_6	
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16		
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3		
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16		
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3		
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16		
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3		
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16		
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6 Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(Elapse	target_lowerVoltage_volt_u10p6_2_3 edTim target_Rte_Call_Ap_CustBattDiag_S		nS u16 ElancadTime
SystemTime mS T u32	3386859209	ystem mine_buminLiapsed mine_n	ii3_u10_Liapseu1iiile
Voltage_Volts_T_u10p6	936		
k LOIDetect Volts u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc	1		
ntc	CustBattDiagNtc_E1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16			
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 13239		
target_upperVoltage_volt_u10p6 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	Resu
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	3386859209	3386859209	
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2185517394	2185517394	
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2185517394	2185517394	
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	3859604808	3859604808	
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	3859604808	3859604808	
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3530899652	3530899652	
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3530899652	3530899652	
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	905485787	905485787	
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	905485787	905485787	
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2773961768	2773961768	
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2773961768	2773961768	
CustBattDiagNtcTimer Str[7].notDetectWindow Cnt M u32	2773961768	2773961768	



Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
Rte Call Ap CustBattDiag NxtrDiagMgr SetNTCStatus	1	Rte Call Ap CustBattDiag NxtrDiagMgr SetNTCStatus	1	✓

Test Step 2.106 (Repeat Count = 1)	In and Welling
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
custBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
custBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig Str[7].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6 7 8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig Str[7].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 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	1468581337
/oltage_Volts_T_u10p6	369
LCIDetect_Volts_u10p6	0
LCINotDetect_Volts_u10p6	0
pwVoltageExtraCryteria_Cnt_T_lgc	0
tc	CustBattDiagNtc E9
arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0 _
arget lowerVoltage volt u10p6	12897
arget_lowerVoltage_volt_u10p6 arget_lowerVoltage_volt_u10p6_2	3735
	53802
arget_lowerVoltage_volt_u10p6_2_3	
arget_lowerVoltage_volt_u10p6_2_3_4	43254
arget_lowerVoltage_volt_u10p6_2_3_4_5	27792
arget_lowerVoltage_volt_u10p6_2_3_4_5_6	58862
arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7	47748
arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	13310
arget_lowerWindowThresh_Cnt_u16	6219
arget_lowerWindowThresh_Cnt_u16_2	5490
arget_lowerWindowThresh_Cnt_u16_2_3	4400
arget_lowerWindowThresh_Cnt_u16_2_3_4	39924
arget_lowerWindowThresh_Cnt_u16_2_3_4_5	62762
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6	43602
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	37489
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	7818
	12897
arget_upperVoltage_volt_u10p6	
arget_upperVoltage_volt_u10p6 arget_upperVoltage_volt_u10p6_2	3735
	53802
arget_upperVoltage_volt_u10p6_2	
arget_upperVoltage_volt_u10p6_2 arget_upperVoltage_volt_u10p6_2_3	53802
arget_upperVoltage_volt_u10p6_2 arget_upperVoltage_volt_u10p6_2_3 arget_upperVoltage_volt_u10p6_2_3_4	53802 43254



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				V
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(ElapsedTime_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		
lowVoltageExtraCryteria_Cnt_T_lgc	1		
ntc	CustBattDiagNtc E9		
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16	Elap 12437		
target lowerVoltage volt u10p6	44080		
target_lowerVoltage_volt_u10p6_2	57313		
target_lowerVoltage_volt_u10p6_2_3	60255		
target lowerVoltage volt u10p6 2 3 4	57939		
target_lowerVoltage_volt_u10p6_2_3_4_5	42535		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	0		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	4421		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	23673		
target_lowerWindowThresh_Cnt_u16	63216		
target lowerWindowThresh Cnt u16 2	21262		
target_lowerWindowThresh_Cnt_u16_2_3	58280		
target_lowerWindowThresh_Cnt_u16_2_3_4	48612		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	45094		
target lowerWindowThresh Cnt u16 2 3 4 5 6	15921		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	50664		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	60039		
target_upperVoltage_volt_u10p6	44080		
target_upperVoltage_volt_u10p6_2	57313		
target_upperVoltage_volt_u10p6_2_3	60255		
target_upperVoltage_volt_u10p6_2_3_4	57939		
target upperVoltage volt u10p6 2 3 4 5	42535		
target upperVoltage volt u10p6 2 3 4 5 6	17645		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	4421		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	23673		
target upperWindowThresh Cnt u16	33222		
target upperWindowThresh Cnt u16 2	22855		
target upperWindowThresh Cnt u16 2 3	22082		
target upperWindowThresh Cnt u16 2 3 4	576		
target_upperWindowThresh_Cnt_u16_2_3_4_5	2277		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	43186		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	36158		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	38181		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer Str[0].detectWindow Cnt M u32	1820141330	1820141330	Result
	2863361536	2863361536	
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer Str[1].detectWindow Cnt M u32	237540168	237540168	
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	3386859209 2185517394	3386859209 2185517394	
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32		111 11	
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer Str[3].detectWindow Cnt M u32	2185517394 3859604808	2185517394 3859604808	
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer Str[4].detectWindow Cnt M u32	3859604808 3530899652	3859604808 3530899652	
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3530899652	3530899652	
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	905485787	905485787 905485787	
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	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	



CustballDiag_ReportFaultWillinisteresis			TUACITU
Name	Input Value		
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	3	
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3		
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	}	
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3		
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_	3_4	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4		
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	3_4	
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4	0 4 5	
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperWindowThresh_Cnt_u16_2_: target_upperVoltage_volt_u10p6_2_3_4_:		
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target lowerWindowThresh Cnt u16 2 3		
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_8		
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_		
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4		
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	_	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_{		
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_:	3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_	5_6_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5	5_6_7	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3		
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_	5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3		
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_8		
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(Elapsed	0 0_ /	mTime_DtrmnElapsedTime_m	S_u16_ElapsedTime
SystemTime_mS_T_u32	3168605224		
Voltage_Volts_T_u10p6	207		
<_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
owVoltageExtraCryteria_Cnt_T_lgc	1		
ntc arget Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 E	CustBattDiagNtc_E8		
arget_Rie_Call_Ap_custbattblag_Systemmine_bitminElapsedmine_inS_umo_E arget_lowerVoltage_volt_u10p6	13239		
arget 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		
arget_upperVoltage_volt_u10p6	13239		
target_upperVoltage_volt_u10p6_2	44258		
target_upperVoltage_volt_u10p6_2_3	65058 28598		
arget_upperVoltage_volt_u10p6_2_3_4 arget_upperVoltage_volt_u10p6_2_3_4_5	14041		
arget_upperVoltage_volt_u10p6_2_3_4_5 arget_upperVoltage_volt_u10p6_2_3_4_5_6	61418		
target_upperVoltage_volt_u10p6_2_3_4_5_6 target_upperVoltage_volt_u10p6_2_3_4_5_6_7	14124		
arget_upperVoltage_volt_u10p6_2_3_4_3_6_7	904		
arget_upperVoltage_volt_u1opo_2_3_4_3_0_7_8 arget_upperWindowThresh_Cnt_u16	48753		
arget_upperWindowThresh Cnt u16 2	12556		
arget_upperWindowThresh_Cnt_u16_2_3	4940		
arget upperWindowThresh Cnt u16 2 3 4	60948		
rarget_upperWindowThresh_Cnt_u16_2_3_4_5	37826		
arget_upperWindowThresh_Cnt_u16_2_3_4_5_6	4133		
arget_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	23271		
arget_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	43557		
Name	Actual Value	Expected Value	Resi
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	
	2185517394	2185517394	
CustBattDiagNtcTimer_Str[2].notDetectWindow Cnt M u32	2100017004		
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	3859604808	3859604808	

TEST DETAILS REPORT CustBattDiag_ReportFaultWithHisteresis

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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	✓	

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig Str[0].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target lowerWindowThresh Cnt u16 2
CustBattDiagNtcConfig Str[1].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target upperWindowThresh Cnt u16 2 3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3
CustBattDiagNtcConfig Str[2].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3
CustBattDiagNtcConfig Str[2].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3
CustBattDiagNtcConfig Str[3].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_lowerVoltage_volt_u1opo_2_3_4 target_upperWindowThresh Cnt u16 2 3 4 5
CustBattDiagNtcConfig Str[4].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh Cnt u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowervoltage_volt_u1opo	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4 5 6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target upperWindowThresh Cnt u16 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[0].lowervoltage_volt_u10p0	
	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 target_lowerWindowThresh_Cnt_u16_2_3_4_5_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(Elap	
SystemTime_mS_T_u32 /oltage_Volts_T_u10p6	3530899652 369
/oltage_Volts_T_u10p6	0
:_LOIDetect_Volts_u10p6	0
:_LOINotDetect_Volts_u10p6	1
owVoltageExtraCryteria_Cnt_T_lgc tc	CustBattDiagNtc E1
ារ arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u	v =
	16_EIap 36140 12897
arget_lowerVoltage_volt_u10p6	3735
arget_lowerVoltage_volt_u10p6_2	53802
arget_lowerVoltage_volt_u10p6_2_3	
arget_lowerVoltage_volt_u10p6_2_3_4	43254
arget_lowerVoltage_volt_u10p6_2_3_4_5	27792
arget_lowerVoltage_volt_u10p6_2_3_4_5_6	58862
arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7	47748
arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	13310
arget_lowerWindowThresh_Cnt_u16	6219
arget_lowerWindowThresh_Cnt_u16_2	5490
arget_lowerWindowThresh_Cnt_u16_2_3 arget_lowerWindowThresh_Cnt_u16_2_3_4	4400 39924



Name	Input Value		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	62762		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	43602		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	37489		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	7818		
target_upperVoltage_volt_u10p6	12897		
target_upperVoltage_volt_u10p6_2	3735		
target_upperVoltage_volt_u10p6_2_3	53802		
target_upperVoltage_volt_u10p6_2_3_4	43254		
target_upperVoltage_volt_u10p6_2_3_4_5	27792		
target_upperVoltage_volt_u10p6_2_3_4_5_6	58862		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	47748		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	13310		
target_upperWindowThresh_Cnt_u16	53047		
target_upperWindowThresh_Cnt_u16_2	64364		
target_upperWindowThresh_Cnt_u16_2_3	40991		
target_upperWindowThresh_Cnt_u16_2_3_4	31744		
target_upperWindowThresh_Cnt_u16_2_3_4_5	61439		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	35935		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	17429		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	21753		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	~
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	~
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	~
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	3530899652	3530899652	✓
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2185517394	2185517394	~
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2185517394	2185517394	✓
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	3859604808	3859604808	~
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	3859604808	3859604808	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3530899652	3530899652	✓
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3530899652	3530899652	✓
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	905485787	905485787	✓
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	905485787	905485787	✓
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	✓
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3168605224	3168605224	✓
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	1468581337	1468581337	~
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1218049674	1218049674	✓

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

Test Step 2.110 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6



Name	Input Value		
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6		
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_		
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6		
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6		
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_		
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	_	Time o
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTire_ms_u16(ElapsedTir	785120416	ne_DuminElapsedTime_mS_dTo_Elapsed	Time
SystemTime_mS_T_u32 Voltage Volts T u10p6	14		
k LOIDetect Volts u10p6	0		
k LOINotDetect Volts u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc	1		
ntc	CustBattDiagNtc_E9		
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Ela			
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 14124		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7 target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	904		
target_upperWindowThresh_Cnt_u16	48753		
target_upperWindowThresh_Crit_u16 target_upperWindowThresh_Crit_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				V
Actual Function	Count	Expected Function	Count	Result
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~



Test Step 2.111 (Repeat Count = 1) Input Value $CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16$ target_upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6 target_upperVoltage_volt_u10p6 $CustBattDiagNtcConfig_Str[0]. IowerWindowThresh_Cnt_u16$ target lowerWindowThresh Cnt u16 CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6 $CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16$ target upperWindowThresh Cnt u16 2 CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6 target_upperVoltage_volt_u10p6_2 CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2 $CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6$ target_lowerVoltage_volt_u10p6_2 CustBattDiagNtcConfig Str[2].upperWindowThresh Cnt u16 target upperWindowThresh Cnt u16 2 3 $CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6$ target_upperVoltage_volt_u10p6_2_3 CustBattDiagNtcConfig Str[2].lowerWindowThresh Cnt u16 target lowerWindowThresh Cnt u16 2 3 CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3 CustBattDiagNtcConfig Str[3].upperWindowThresh Cnt u16 target upperWindowThresh Cnt u16 2 3 4 CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6 target_upperVoltage_volt_u10p6_2_3_4 CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2_3_4 $CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6$ target_lowerVoltage_volt_u10p6_2_3_4 $CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16$ target_upperWindowThresh_Cnt_u16_2_3_4_5 $CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6$ target_upperVoltage_volt_u10p6_2_3_4_5 CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2_3_4_5 $CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6$ target lowerVoltage volt u10p6 2 3 4 5 CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16 target_upperWindowThresh_Cnt_u16_2_3_4_5_6 target_upperVoltage_volt_u10p6_2_3_4_5_6 CustBattDiagNtcConfig Str[5].upperVoltage volt u10p6 CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3_4_5_6 $CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16$ target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6 target_upperVoltage_volt_u10p6_2_3_4_5_6_7 $CustBattDiagNtcConfig_Str[6]. IowerWindowThresh_Cnt_u16$ target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 $CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16$ target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8 CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6 target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 $CustBattDiagNtcConfig_Str[7]. IowerWindowThresh_Cnt_u16$ target lowerWindowThresh Cnt u16 2 3 4 5 6 7 8 CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTim target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime SystemTime_mS_T_u32 905485787 Voltage_Volts_T_u10p6 207 k_LOIDetect_Volts_u10p6 0 k_LOINotDetect_Volts_u10p6 0 lowVoltageExtraCryteria_Cnt_T_lgc 1 CustBattDiagNtc_E7 $target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap \end{center} 36140$ target_lowerVoltage_volt_u10p6 3735 target_lowerVoltage_volt_u10p6_2 target_lowerVoltage_volt_u10p6_2_3 53802 43254 target_lowerVoltage_volt_u10p6_2_3_4 target_lowerVoltage_volt_u10p6_2_3_4_5 27792 58862 target_lowerVoltage_volt_u10p6_2_3_4_5_6 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 7818 $target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8$ target_upperVoltage_volt u10p6 12897 target_upperVoltage_volt_u10p6_2 3735 53802 target_upperVoltage_volt_u10p6_2_3 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 13310 $target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8$ target_upperWindowThresh_Cnt_u16 53047 64364 target upperWindowThresh Cnt u16 2 40991 target_upperWindowThresh_Cnt_u16_2_3 31744 target upperWindowThresh Cnt u16 2 3 4 target_upperWindowThresh_Cnt_u16_2_3_4_5 61439 target_upperWindowThresh_Cnt_u16_2_3_4_5_6 35935 $target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7$ 17429



Name	Input Value		
target upperWindowThresh Cnt u16 2 3 4 5 6 7 8	21753		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer Str[0].detectWindow Cnt M u32	1820141330	1820141330	~
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✓
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✓
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	3530899652	3530899652	✓
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2185517394	2185517394	✓
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2185517394	2185517394	✓
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	3859604808	3859604808	✓
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	3859604808	3859604808	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3530899652	3530899652	✓
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3530899652	3530899652	✓
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	905485787	905485787	✓
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	905485787	905485787	✓
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	✓
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3168605224	3168605224	✓
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	1468581337	1468581337	~
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	785120416	785120416	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓

Test Step 2.112 (Repeat Count = 1)	<u> </u>
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig Str[2].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3
CustBattDiagNtcConfig Str[2].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3
CustBattDiagNtcConfig Str[3].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig Str[3].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4
CustBattDiagNtcConfig Str[3].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target upperWindowThresh Cnt u16 2 3 4 5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig Str[4].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5
CustBattDiagNtcConfig Str[4].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig Str[5].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig Str[5].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6
CustBattDiagNtcConfig Str[5].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig Str[5].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5 6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target upperWindowThresh Cnt u16 2 3 4 5 6 7
CustBattDiagNtcConfig Str[6].upperVoltage volt u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig Str[6].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6 7
CustBattDiagNtcConfig Str[6].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5 6 7
CustBattDiagNtcConfig Str[7].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6 7 8
CustBattDiagNtcConfig Str[7].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7 8
CustBattDiagNtcConfig Str[7].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 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(ElapsedTi	
SystemTime mS T u32	2773961768
Voltage Volts T u10p6	14
k LOIDetect Volts u10p6	0
k LOINotDetect Volts u10p6	0
lowVoltageExtraCryteria Cnt T Igc	1
ntc	CustBattDiagNtc_E1
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Ela	
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
	55555



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	~
	1468581337	1468581337	_
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32			

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)	v v v v v v v v v v v v v v v v v v v
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].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		
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_		
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6		
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperWindowThresh_Cnt_u16_2_3_4 target_upperVoltage_volt_u10p6_2_3_4_5_6		
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	_	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6		
CustBattDiagNtcConfig Str[7].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3		
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_		
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	5_7_8	
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTime	target_Rte_Call_Ap_CustBattDiag_SystemT	ime_DtrmnElapsedTime_mS_u16	_ElapsedTime
SystemTime_mS_T_u32	2185517394		
Voltage_Volts_T_u10p6	30		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc	0		
ntc	CustBattDiagNtc_E1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap target_lowerVoltage_volt_u10p6	13442		
target_lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2	13442 5788		
target lowerVoltage_volt_u10p6_2 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 target_upperVoltage_volt_u10p6_2_3 4	18701 15674		
target_upperVoltage_volt_u10p6_2_3_4 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	Resu
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 3530899652	3859604808 3530899652	
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3530899652 3530899652	3530899652 3530899652	
Augustian State Company Compan		333003303Z	
		905485787	
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	905485787	905485787 905485787	
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	905485787 905485787	905485787	
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	905485787		
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	905485787 905485787 215674156	905485787 215674156	



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	_

Fest Step 2.114 (Repeat Count = 1)	Innué Value
	Input Value
	target_upperWindowThresh_Cnt_u16
	target_upperVoltage_volt_u10p6
	target_lowerWindowThresh_Cnt_u16
0 0= 11 0 = 1	target_lowerVoltage_volt_u10p6
	target_upperWindowThresh_Cnt_u16_2
	target_upperVoltage_volt_u10p6_2
	target_lowerWindowThresh_Cnt_u16_2
	target_lowerVoltage_volt_u10p6_2 target_upperWindowThresh Cnt u16 2 3
0 0= 1111 = = =	
	target_upperVoltage_volt_u10p6_2_3
	target_lowerWindowThresh_Cnt_u16_2_3
3	target_lowerVoltage_volt_u10p6_2_3
	target_upperWindowThresh_Cnt_u16_2_3_4
	target_upperVoltage_volt_u10p6_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4
	target_lowerVoltage_volt_u10p6_2_3_4
	target_upperWindowThresh_Cnt_u16_2_3_4_5 target_upperVoltage_volt_u10p6_2_3_4_5
0 0= 1.7 11 0 = 1	0 = 11
0 0= 1: = = =	target_lowerWindowThresh_Cnt_u16_2_3_4_5
	target_lowerVoltage_volt_u10p6_2_3_4_5
	target_upperWindowThresh_Cnt_u16_2_3_4_5_6 target_upperVoltage_volt_u10p6_2_3_4_5_6
	target_uppervoitage_voit_u1upb_2_3_4_5_6 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
5 62 17 2 2	target_lowerVoltage_volt_u10p6_2_3_4_5_6
	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
	905485787
° '	951 0
	0
	0
0 7 = ==0	
arget Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap	CustBattDiagNtc_E0
	27637
	31225
0 = 0 = 1 + 1	56099
arget_lowerVoltage_volt_u10p6_2_3 arget_lowerVoltage_volt_u10p6_2_3_4	51231
	9001
0 = 0 = 1 = = = =	17545
	45565
0 - 0 - 1 - 1 - 1 - 1	
	65535
	5489 47635
	33099
	54883
	26263
	64164
	46990
	12545
	27637
arget_upperVoltage_volt_u10p6	24005
arget_upperVoltage_volt_u10p6 arget_upperVoltage_volt_u10p6_2	31225
arget_upperVoltage_volt_u10p6 arget_upperVoltage_volt_u10p6_2 arget_upperVoltage_volt_u10p6_2_3	56099
arget_upperVoltage_volt_u10p6 arget_upperVoltage_volt_u10p6_2 arget_upperVoltage_volt_u10p6_2_3 arget_upperVoltage_volt_u10p6_2_3_4	56099 51231
arget_upperVoltage_volt_u10p6 arget_upperVoltage_volt_u10p6_2 arget_upperVoltage_volt_u10p6_2_3 arget_upperVoltage_volt_u10p6_2_3_4 arget_upperVoltage_volt_u10p6_2_3_4_5	56099 51231 9001
arget_upperVoltage_volt_u10p6 arget_upperVoltage_volt_u10p6_2 arget_upperVoltage_volt_u10p6_2_3 arget_upperVoltage_volt_u10p6_2_3_4 arget_upperVoltage_volt_u10p6_2_3_4_5 arget_upperVoltage_volt_u10p6_2_3_4_56 arget_upperVoltage_volt_u10p6_2_3_4_5_6	56099 51231



N.	I		
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				V
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
ustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
sustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
custBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
custBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
custBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
custBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
custBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
ustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
sustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
sustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
ustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
sustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
custBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
sustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_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(E	lapsedTim target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	2773961768
/oltage_Volts_T_u10p6	121

@ Report created by TESSY V3.1.13, report template V2.1

TEST DETAILS REPORTCustBattDiag_ReportFaultWithHisteresis

2018-05-17, 14:29:19+0530



Input Value k LOIDetect Volts u10p6 0 k_LOINotDetect_Volts_u10p6 lowVoltageExtraCryteria_Cnt_T_lgc 0 CustBattDiagNtc_E6 target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap 23501 64482 target lowerVoltage volt u10p6 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 52304 target_upperVoltage_volt_u10p6_2_3_4 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 34399 target_upperWindowThresh_Cnt_u16_2_3_4_5_6 65196 target upperWindowThresh Cnt u16 2 3 4 5 6 7 53324 target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8 **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

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	

215674156

3168605224

1468581337

785120416

215674156

3168605224

1468581337

785120416

CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32

CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32

 $CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32$

 $CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32$